A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. I.—SPHINGES.

CALCUTTA:

PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.

1887.

QL
556
I4C3
pt.1-7
ENT

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM

AND

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

L.C. Cds. Ord.
8-1-63

Pt. I.—SPHINGES.

NOV 21 1887

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1887.

HEXAPODA.

ORDER LEPIDOPTERA.

SUB-ORDER HETEROCERA.

FAMILY SPHINGIDÆ.

Sub-family I.—MACROGLOSSINÆ.

Genus **Sataspes**.

1. SATASPES INFERNALIS.

Sesia infernalis, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 3, (1848).
Macroglossa infernalis, Walker, Cat. Lep. Het. B. M. viii, p. 95, No. 19, (1856).
Sataspes infernalis, Moore, Cat. Lep. E. I. Comp. Mus. i, p. 261, No. 597, (1857).
——————— Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 517.

Recorded from Sylhet, Sibsagar, Sikkim, Nepal, Coimbatore.
In Indian Museum are specimens from Sibsagar and Buxa.
In Collection, Swinhoe, from Sylhet.

2. SATASPES UNIFORMIS.

Sataspes uniformis, Butler, Proc. Zool. Soc. Lond. 1875, p. 3, No. 1.
——————— Trans. Zool. Soc. Lond. ix, 1876, p. 518.
var. *Sataspes infernalis*, Boisd., Sp. Gén. Lep. 1, pl. 10, figs. 1, 2, (1875).*

Recorded from Sylhet.
Closely allied to *Sataspes infernalis*.
Type is in British Museum.

3. SATASPES VENTRALIS.

Sataspes ventralis, Butler, Proc. Zool. Soc. Lond. 1875, p. 3, No. 2.
——————— Trans. Zool. Soc Lond. ix., 1876, p. 518.
Sataspes tagalica, Boisd., Sp. Gén. Lep., p. 278, pl. 10, figs. 3, 4, (1875).*

Recorded from Sylhet, Hongkong.
Type is in British Museum.

Genus **Hemaris**.

4. HEMARIS SAUNDERSII.

Macroglossa saundersii, Boisd. MS.*
Sesia saundersii, Walker, Cat. Lep. Het. B. M. viii, p. 83, No. 7, (1856).
Hemaris saundersii, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 520.

Recorded from Masuri, Sikkim, Kulu, Kunawar.
In Indian Museum are specimens from Kulu: in Collection, Swinhoe, from Sikkim.

5. HEMARIS HYLAS.

Sphinx hylas, Linn., Mant. i, p. 539, (1771).*
Sphinx picus, Cramer, Pap. Exot. ii, p. 83, pl. 148, fig. B, (1777).
Sesia hylas, Fabr., Ent. Syst. iii, i, p. 379, No. 3, (1793).
———— Walker, Cat. Lep. Het. viii, p. 84, (1856).
———— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 260, pl. 8, figs. 1, 1a, (1857).
Cephnodes hylas, Hübner, Verz. Bek. Schmett, p. 131, No. 1402, (1816).
———— —— Moore, Lep. Ceyl. ii, p. 31, pl. 93, fig. 4, (1882).
Macroglossa kingi, McLeay, King's Survey of Australia, App., p. 465, No. 167, (1827).*
Sesia cunninghami, Walker, Cat. Lep. Het. viii, p. 85, No. 10, (1856).
Macroglossa cunninghami, Schaufuss, Nunquam Otiosus i, p. 22, (1870).*
} *var.* confined to Australia.
Hemaris hylas, Saalmüller, Lep. Madag. i, p. 117, pl. 3, fig. 40.*
var. *Macroglossa apus*, Boisd., Faun. Ent. Madag., pl. 79, No. 2, pl. 10, fig. 4, (1833).*
Transformations, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 522, pl. 90. figs. 4, 5.
———— Dewitz, Verh. L. C. Ak. 44, p. 266, pl. 9, figs. 9, 9a, 9b.*
———— Moore, Lep. Ceyl. ii, p. 31, pl. 93, figs. 4a, 4b, (1882).

Recorded from Japan, China, Australia, all parts of India, Ceylon, Africa.
In Indian Museum are specimens from Karachi, Kulu, Sikkim, Sylhet, Cachar, Calcutta, Bangalore, Ceylon.
In Collection, Swinhoe, from Deesa, Bombay, Karachi, Mhow, Belgaum, Sattara, Poona, Darjiling, Matheran, Ceylon.

6. HEMARIS CYANIRIS.

Hemaris cyaniris, Kirby, Trans. Ent. Soc. Lond. 1877, p. 239.

Recorded from Sylhet and Mauritius.
Allied to *Hemaris hylas*, Linn.

Genus **Rhopalopsyche**.

7. RHOPALOPSYCHE BIFASCIATA.

Rhopalopsyche bifasciata, Butler, Proc. Zool. Soc. Lond. 1875, p. 239, pl. 36, fig. 4.
Allied to *Rhopalopsyche nycteris*, Kollar.
Type in Collection, F. Moore.
Recorded from S. India.

8. RHOPALOPSYCHE NYCTERIS.

Macroglossa nycteris, Kollar, Hügel Kaschmir, iv, 2, p. 458, pl. 19, fig. 5, (1844).
Macroglossa volucris, Walker, Cat. Lep. Het. B. M. viii, p. 94, No. 16, (1856).
Rhopalopsyche nycteris, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 523.
Recorded from Sylhet, Kasaoli, Masuri, Simla, Barrackpur.
In Indian Museum are specimens from Sikkim, Shillong, N. Khasi Hills, Kulu.
In Collection, Swinhoe, from Kasauli, Sikkim.

Genus **Macroglossa**.

9. MACROGLOSSA STELLATARUM.

Sphinx stellatarum, Linn., Syst. Nat. 1, 2, p. 803, No. 27, (1767).
Sesia stellatarum, Fabr., Ent. Syst. iii, 1, p. 380, No. 5, (1793).

Psithyros stellatarum, Hüb., Verz. Bek. Schmett, p. 132, No. 1409, (1816).
———— Walker, Cat. Lep. Het. B. M. viii, p. 86, (1856).
Macroglossa stellatarum, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514, No. 8.
———— Trans. Ent. Soc. Lond. 1885, p. 347.

Recorded from Europe, Africa, and Asia.
In Indian Museum are specimens from S.-W. Bohemia, Transcaucasus, Calcutta, Kulu.
In Collection, Swinhoe, are specimens from the Punjab, Persia, Afghanistan, and Sind.

10. MACROGLOSSA INSIPIDA.

Macroglossa insipida, Butler, Proc. Zool. Soc. Lond. 1875, p. 242, No. 12.
———— Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 92, fig. 3 imago, figs. 3a, 3b, larva and pupa.

Recorded from Ceylon.
In Collection, Swinhoe, are specimens from Ceylon.

11. MACROGLOSSA AFFICTITIA.

Macroglossa affictitia, Butler, Proc. Zool. Soc. Lond. 1875, p. 240, pl. 36, fig. 7. Trans. Zool. Soc. Lond. ix, 1876, p. 524.
———— Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 3.

Nearly allied to *M. gyrans*, *M. belis*, and *M. vialis*.
Type in Collection, F. Moore.
Recorded from Ceylon, Bangalore, Kanara.
In Indian Museum are specimens from Bangalore, Ceylon.

12. MACROGLOSSA VIALIS.

Macroglossa vialis, Butler, Proc. Zool. Soc. Lond. 1875, p. 240, pl. 36, fig. 5. Trans. Zool. Soc. Lond. ix, 1876, p. 524.
———— Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 2.

Allied to *M. gyrans*.
Type in Collection, F. Moore.
Recorded from Kanara, Ceylon.

13. MACROGLOSSA GYRANS.

Macroglossa gyrans, Walker, Cat. Lep. Het. B. M. viii, p. 91, No. 11, (1856).
———— Boisd., Spec. Gén. Lep. Het. 1875, p. 336 *
———— Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 524.
———— Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 1.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from N. India, Bengal, Bombay, Madras, Neilgherries, Ceylon.
In Indian Museum are specimens from Behar, Cachar.
In Collection, Swinhoe, from Mhow, Poona, Karachi, Deesa, Bombay.

14. MACROGLOSSA REGULUS.

Macroglossa regulus, Boisd., Spec. Gén. Lep. Het. 1875, i, p. 335.*
———— Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 633.

Recorded from Coromandel.
Allied to *M. gyrans*.

15. Macroglossa fervens.

Macroglossa fervens, Butler, Proc. Zool. Soc. Lond. 1875, p. 4, pl. 1, fig. 3.
——————— Trans. Zool. Soc. Lond. ix, 1876, p. 525.

Allied to *M. gyrans* and *M. approximata*.
Recorded from Kanara.
Type is in British Museum.

16. Macroglossa bombylans.

Macroglossa bombylans, Boisd., Spec. Gén. Lep. Het. 1875, p. 334.*
——————— Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 525.
Macroglossa gilia, Walker (*nec* Herrich-Schäffer), Cat. Lep. Het. B. M. viii, p. 93, No. 15, (1856).

Recorded from N. India, Nepal, Dehra Dun, Java, Hongkong, Madagascar.
In Collection, Swinhoe, are specimens from India.

17. Macroglossa lepcha.

Macroglossa lepcha, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 635.

Recorded from Calcutta.
Allied to *M. bombylans*.

18. Macroglossa belis.

Sphinx belis, Cramer, Pap. Exot. i, p. 147, pl. 94, fig. C, (1776).
Macroglossa assimilis, Swainson, Zool. Ill. Ser. i, 1820, vol. i, pl. 64.*
Macroglossa zena, Boisd., Spec. Gén. Lep. Het. 1875, i, p. 337.*
Macroglossa phyrrhula, Boisd., l. c., p. 338.*
Macroglossa belis, Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 526, pl. 90, figs. 6, 7, larva and pupa.
——————— Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 287.

Recorded from the Himalayas, Simla, Bombay, Kanara, China.
In Indian Museum are specimens from Sikkim, Buxa, Shillong, Cachar, Kulu, Calcutta. In Collection, Swinhoe, from Karachi.

19. Macroglossa luteata.

Macroglossa luteata, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 37, fig. 5.
——————— Trans. Zool. Soc. Lond. ix, 1876, p. 526.

Allied to *M. proxima*, Butler.
Recorded from Sylhet.
Type in Collection, F. Moore.
In Indian Museum are specimens from Cachar.
In Collection, Swinhoe, from Sylhet.

20. Macroglossa proxima.

Macroglossa proxima, Butler, Proc. Zool. Soc. Lond. 1875, p. 4, pl. 1, fig. 1.
Trans. Zool. Soc. Lond. ix, 1876, p. 526.
——————— Moore, Lep. Ceyl. ii, 1882, p. 29, pl. 91, figs. 1, 1a, 1b, larva, pupa, and imago.

Recorded from Ceylon, Sylhet, Kanara.
In Indian Museum are specimens from Sibsagar.
In Collection, Swinhoe, from Ceylon.

21. Macroglossa aquila.

Macroglossa aquila, Boisd., Spec. Gén. Lep. Het. i, 1875, p. 340.*
———— Butler, Trans. Zool. Soc. ix, 1876, p. 633.

Allied to *M. proxima*, Butler.
Recorded from Sylhet.

22. Macroglossa taxicolor.

Macroglossa taxicolor, Moore, Proc. Zool. Soc. Lond. 1879, p. 387.
———— Lep. Ceyl. ii, 1882, p. 29, pl. 90, fig. 3, imago, fig. 3a, larva.

Recorded from Ceylon.
In Collection, Swinhoe, are specimens from Ceylon.

23. Macroglossa interrupta.

Macroglossa interrupta, Butler, Proc. Zool. Soc. Lond. 1875, p. 242, pl. 37, fig. 2.
———— Trans. Zool. Soc. Lond. ix, 1876, p. 526.

Recorded from Darjiling.
Type in Collection, F. Moore.

24. Macroglossa sitiene.

Macroglossa sitiene, Walker, Cat Lep. Het. B. M. viii, p. 92, No. 13, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 527, (1876).

Recorded from Sylhet, Moulmein, Sikkim, Dalhousie, Natal.
Type is in British Museum.
In Collection, Swinhoe, are specimens from Dalhousie and Sikkim.

25. Macroglossa gilia.

Macroglossa gilia, Herrich Schäffer, Samml. Ausser. Eur. Schmett, pl. 23, fig. 107, (1850).*
———— Walker, Cat. Lep. Het. B. M. viii, p. 93, No. 15, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 527, pl. 90, fig. 9, larva, fig. 10, pupa, (1876).

Recorded from Nipal, Sylhet, Darjiling, Java.
Type is in the British Museum.
In Indian Museum are specimens from Sibsagar, Shillong, Cachar, Buxa, Sikkim, Utacamand.
In Collection, Swinhoe, from Assam and Sikkim.

26. Macroglossa catapyrrha.

Macroglossa catapyrrha, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 36, fig. 6.
———— Trans. Zool. Soc. Lond. ix, p. 528, (1876).

Recorded from North India, Ceylon.
In Collection, Swinhoe, are specimens from Buxa, Bhutan.

27. Macroglossa orientalis.

Macroglossa orientalis, Butler, Trans. Zool. Soc. Lond. ix, p. 528, (1876).

Recorded from Moulmein.
Allied to *M. sitiene*.

28. MACROGLOSSA BENGALENSIS.

Macroglossa bengalensis, Boisd., Spec. Gén. Lep. Het. i, p. 341, (1875).*
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 633, (1876).

Recorded from Pondicherry.

29. MACROGLOSSA HEMICHROMA.

Macroglossa hemichroma, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 37, fig. 1.
——————— Trans. Zool. Soc. Lond. ix, p. 528, (1876).

Recorded from Sylhet.
Type is in Collection, F. Moore.

30. MACROGLOSSA FRINGILLA.

Macroglossa fringilla, Boisd., Spec. Gén. Lep. Het. i, p. 352, (1875).*
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 633, (1876).

Recorded from India.

31. MACROGLOSSA IMPERATOR.

Macroglossa imperator, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 37, fig. 4.
——————— Trans. Zool. Soc. Lond. ix, p. 529, (1876).
Rhamphoschisma imperator, Moore, Lep. Ceyl. ii, p. 27, pl. 90, fig. 1, (1882).

Recorded from Ceylon.
Allied to *M. Mitchellii*, Boisd.
Type is in Collection, F. Moore.
In Indian Museum is a specimen from Sikkim.

32. MACROGLOSSA RECTIFASCIA.

Rhamphoschisma rectifascia, Felder, Reise Novara, Lep. iv, pl. 75, fig. 7, (1874).
——————— Moore, Lep. Ceyl. ii, p. 27, pl. 90, fig. 2, (1882).
Macroglossa rectifascia, Boisd., Spec. Gén. Lep. Het. i, p. 353, (1875).*

Recorded from Ceylon.
In Collection, Swinhoe, are specimens from Ceylon.

33. MACROGLOSSA DIVERGENS.

Macroglossa divergens, Walker, Cat. Lep. Het. viii, p. 94, No. 17, (1856).
——————— Boisd., Sp. Gén. Lep. Het. i, p. 355, (1875).*
Rhamphoschisma divergens, Moore, Lep. Ceyl. ii, p. 27, pl. 92, fig. 2, (1882).

Recorded from Ceylon.

34. MACROGLOSSA NIGRIFASCIATA.

Macroglossa nigrifasciata, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 37, fig. 3.
Rhamphoschisma nigrifasciata, Moore, Lep. Ceyl. ii, p. 28, pl. 92, fig. 1, (1882).

Recorded from Ceylon.

35. MACROGLOSSA GLAUCOPTERA.

Macroglossa glaucoptera, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 36, fig. 9.
Rhamphoschisma glaucoptera, Moore, Lep. Ceyl. ii, p. 28, pl. 91, fig. 2, (1882).

Recorded from Ceylon.

Genus **Rhodosoma**.

36. RHODOSOMA TRIOPUS.

Macroglossa triopus, Westw., Cab. Or. Ent., p. 14, pl. 6, fig. 4, (1848).
———————— Walker, Cat. Lep. Het. B. M. viii, p. 95, No. 18, (1856).
Rhodosoma triopus, Butler, Trans. Zool. Soc. Lond. ix, 534, (1876).

Recorded from Sylhet, Assam.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.

Genus **Lophura**.

37. LOPHURA MASURIENSIS.

Lophura masuriensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 244, pl. 36, fig. 3.
———————— Trans. Zool. Soc. Lond. ix, p. 537, (1876).

Recorded from Masuri, N.-W. Himalayas, Assam.
Type is in Collection, F. Moore.
In Indian Museum are specimens from Sibsagar.
In Collection, Swinhoe, from Sibsagar.

38. LOPHURA PUSILLA.

Lophura pusilla, Butler, Proc. Zool. Soc. Lond. 1875, p. 244, No. 17, (1875).
———————— Trans. Zool. Soc. Lond. ix, p. 537, (1876).

Recorded from Sylhet.
Type in Collection, F. Moore.
In Indian Museum is a specimen from Cachar.

39. LOPHURA PUMILIO.

Lophura pumilio, Boisd., Spec. Gén. Lep. Het. i, p. 311, (1875).*
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 632, (1876).

Recorded from Sylhet.
Closely allied to *L. pusilla*, Butler.

40. LOPHURA HYAS.

Lophura hyas, Walker, Cat. Lep. Het. B. M. viii, p. 107, No. 3, (1856).
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 538, pl. 90, figs. 1, 2, 3, larva and pupa, (1876).

Recorded from Hongkong, Java, Sylhet.
In Collection, Swinhoe, is one example from Sikkim, and a very pale, but otherwise identical, specimen from Mhow.

41. LOPHURA ASILIFORMIS.

Sphinx asiliformis, Fabr. Ent. Syst. iii, i, p. 357, No. 7, (1793).
Thyris (!) asiliformis, Walker, Cat. Lep. Het. B. M. viii, p. 260, (1856).
Lophura asiliformis, Butler, Trans. Zool. Soc. Lond. ix, p. 538, (1876).

Recorded from India.

42. LOPHURA HIMACHALA.

Lophura himachala, Butler, Proc. Zool. Soc. Lond. 1875, p. 621.
——————— Trans. Zool. Soc. Lond. ix, p. 636, (1876).

Recorded from N.-E. Himalayas.

43. LOPHURA EREBINA.

Lophura erebina, Butler, Proc. Zool. Soc. Lond. 1875, p. 621.
——————— Trans. Zool. Soc. Lond. ix, p. 636, (1876).

Recorded from N.-W. India.

Sub-family II.—CHAEROCAMPINÆ.

Genus **Acosmeryx**.

44. ACOSMERYX CINEREA.

Acosmeryx cinerea, Butler, Proc. Zool. Soc. Lond. 1875, p. 245.
——————— Ill. Typ. Lep. Het. B. M. v, p. 1, pl. 78, fig. 1, (1881).
——————— Moore, Lep. Ceyl. ii, p. 24, pl. 89, fig. 2, imago, fig. 2a, larva and pupa, (1882).
Acosmeryx shervillii, Boisd., Sp. Gén. Lep. Het. i., p. 216, (1875).*
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 631, (1876).

Recorded from Sylhet, Sikkim, Ceylon.
Allied to *A. sericeus*.
Type is in British Museum.
In Indian Museum are specimens from Sibsagar and Sikkim.
In Collection, Swinhoe, from Sylhet and Sikkim.

45. ACOSMERYX SERICEUS.

Philampelus sericeus, Walker, Cat. Lep. Het. B. M. viii, p. 181, No. 13, (1856).
Acosmeryx anceoides, Boisd., Sp. Gén. Lep. Het. i, p. 216, (1875).*
Acosmeryx sericeus, Butler, Trans. Zool. Soc. Lond. ix, p. 544, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 1, pl. 78, fig. 2, (1881).

Recorded from Sylhet, Sikkim.
Type is in British Museum.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sylhet and Sikkim.

46. ACOSMERYX ANCEUS.

Sphinx anceus, Cramer, Pap. Exot. iv, p. 124, pl. 355, fig. A. (1781).
Enyo anceus, Hübner, Verz Bek. Schmett, p. 132, No. 1423, (1816).
——————— Walker, Cat. Lep. Het. B. M. viii, p. 119, (1856).
Philampelus anceus, Moore, Cat. Lep. E. I. Comp. Mus. i, p. 270, No. 624, pl. 9, figs. 4, 4*a*, larva and pupa, (1857).
Acosmeryx anceus, Butler, Trans. Zool. Soc. Lond. 1876, p. 544, pl. 90, figs. 11 and 12, larva and pupa.

Recorded from Amboina, Java, Penang, Sylhet, Sikkim. S. India.
In Indian Museum is a specimen from Sikkim.
In Collection, Swinhoe, from Sylhet and Sikkim.

47. ACOSMERYX PSEUDONAGA.

Acosmeryx pseudonaga, Butler, Ill. Typ. Lep. Het. B. M. v, p. 2, pl. 88, fig. 3, (1881).

Recorded from Bhutan.
Allied to *A. naga*.

48. ACOSMERYX NAGA.

Philampelus naga, Moore, Cat. Lep. E. I. Comp. Mus. i, p. 271, (1857).
———— Walker, Cat. Lep. Het. B. M. xxxi, p. 33, (1864).

Recorded from Sikkim, Simla.
In Indian Museum are specimens from Sikkim; in Collection Swinhoe, from Sikkim and Simla.

Genus **Ampelophaga.**

49. AMPELOPHAGA FASCIOSA.

Ampelophaga fasciosa, Moore, M. S., not yet described (May, 1886).

Allied to *A. rubiginosa*, Bremer and Grey, (Pekin).
In Indian Museum are specimens from Kulu; in Collection, Swinhoe, from Simla and Sikkim.

Genus **Elibia.**

50. ELIBIA DOLICHUS.

Chærocampa dolichus, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 1, (1848).
Elibia dolichus, Walker, Cat. Lep. Het. B. M. viii, p. 149, No. 1, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Recorded from Sylhet and Sikkim.
Type is in British Museum.
In Indian Museum are specimens from Sikkim and Sibsagar.
In Collection, Swinhoe, from Sylhet and Sikkim.

51. ELIBIA DOLICHOIDES.

Philampelus dolichoides, Felder, Reise Novara Lep. iv, pl. 76, fig. 8, ♀, (1874).
Pergesa dolichoides, Moore, Proc. Zool. Soc. Lond. 1874, p. 577.
Elibia dolichoides, Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Recorded from Sikkim.
In Collection, Swinhoe, from Sikkim.

Genus **Pergesa.**

52. PERGESA ACUTA.

Zonilia acuta, Walker, Cat. Lep. Het. B. M. viii, p. 195, No. 7, (1856).
Pergesa (?) acuta, Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).
Pergesa castor, (part), Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 5, (1856).

Recorded from Sylhet, Java.

53. PERGESA ACTEUS.

Sphinx acteus, Cramer, Pap. Exot. iii, p. 93, pl. 248, fig. A, (1779).
Oreus acteus, Hübner, Verz. Bek. Schmett, p. 136, No. 1462, (1816).
Pergesa acteus, Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 6, (1856).
———— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 272, pl. 10, figs. 1, 1a, larva and pupa, (1857).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876).
———— Moore, Lep. Ceyl. ii, p. 23, pl. 88, fig. 1, imago, fig. 1a, larva and pupa, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 288.
Chærocampa acteus, Boisd., Sp. Gén. Lep. Het. i, p. 257, (1875).*

Recorded from Sylhet, Bengal, Moulmein, Ceylon, Borneo, Java.
In Indian Museum are specimens from Calcutta, Sibsagar, Sikkim, Kulu, Ceylon, and the Andaman Islands.
In Collection, Swinhoe, from Solun, Darjiling, Belgaum, Poona, Sylhet.

54. PERGESA VELATA.

Pergesa velata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1853, (1866).
———— Butler, Trans. Zool. Soc. Lond ix, p. 548, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 3, pl. 78, fig. 5, (1881).
Pergesa castor, Moore, (*nec* Walker,) Cat. Lep. Mus. E. I. Comp. i, p. 273, (1857).

Recorded from Darjiling.
Type is in British Museum.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.

55. PERGESA OLIVACEA.

Pergesa olivacea, Moore, Proc. Zool. Soc. Lond. 1872, p. 567.
———— Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876).
Pergesa castor, var. B, Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 5, (1856).

Recorded from Sylhet, Simla.
In Indian Museum are specimens from Shillong, North Khasi Hills, Sikkim.
In Collection, Swinhoe, from Simla, Sikkim, Sylhet.

56. PERGESA (?) MACROGLOSSOIDES.

Perigonia macroglossoides, Walker, Cat. Lep. Het. B. M. xxxv, p. 1851, (1866).
Pergesa (?) macroglossoides, Butler, Trans. Zool. Soc. Lond. ix, p. 548, (1876).

Recorded from Darjiling.

57. PERGESA CASTANEA.

Pergesa castanea, Moore, Proc. Zool. Soc. Lond. 1872, p. 567.
———— Butler, Trans. Zool. Soc. Lond. ix, p. 549, (1876).
———— Waterhouse, Aid, i, pl. 56, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 288, No. 7.

Recorded from Bombay.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Sattara.

58. PERGESA VAMPYRUS.

Sphinx vampyrus, Fabr., Mant. Ins. ii, p. 93, No. 66, (1787).
Pergesa vampyrus, Butler, Trans. Zool. Soc. Lond. ix, p. 549, (1876).

Recorded from E. Indies.

59. PERGESA ÆGROTA.

Pergesa ægrota, Butler, Proc. Zool. Soc. Lond. 1875, p. 246.
———— Trans. Zool. Soc. Lond. ix, p. 549, pl. 92, fig. 2, (1876).

Recorded from Sylhet.
Type is in Collection, F. Moore.

60. PERGESA AURIFERA.

Pergesa aurifera, Butler, Proc. Zool. Soc. Lond. 1875, p. 7, No. 11.
———— Trans. Zool. Soc. Lond. ix, p. 549, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 2, pl. 78, fig. 4, (1881).

Recorded from Sikkim.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from N.-E. Himalayas and Sikkim.

61. PERGESA GLORIOSA.

Pergesa gloriosa, Butler, Proc. Zool. Soc. Lond. 1875, p. 246.
———— Trans. Zool. Soc. Lond. ix, p. 549, pl. 92, fig. 3, (1876).
———— Ill. Typ. Lep. Het. B. M., p. 3, pl. 78, fig. 6, (1881).

Recorded from Darjiling.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Darjiling.

Genus **Panacra**.

62. PANACRA BUSIRIS.

Panacra busiris, Walker, Cat. Lep. Het. B. M. viii, p. 158, No. 6, (1856).
———— Butler, Trans., Zool. Soc. Lond. ix, p. 549, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 6, pl. 79, fig. 2, (1881).

Recorded from Sylhet, Sikkim.
Type is in the British Museum.
In Indian Museum is one specimen from Sikkim.
In Collection, Swinhoe, from India.

63. PANACRA TESTACEA.

Perigonia testacea, Walker, Cat. Lep. Het. B. M. viii, p. 102, ♂, (1856), and xxxi, p. 29, (1864).
Agonyx emilia, Boisd., Sp. Gén. Lep. Het., p. 318, pl. 8, fig. 1, ♂, (1875).
Panacra ella, Butler, Proc. Zool. Soc. Lond. 1875, p. 216.
———— Trans. Zool. Soc. Lond. ix, p. 550, pl. 92, fig. 7. ♀, (1876).
Agonyx testacea, Moore, Lep. Ceyl. ii, p. 26, pl. 89, fig. 1, (1882).

Recorded from Sylhet and Ceylon.
Butler's type is in Collection, F. Moore.
'Walker's and Butler's descriptions are from faded specimens, (Moore).

64. PANACRA ASSAMENSIS.

Deilephila assamensis, Boisd. MS.*
Panacra assamensis, Walker, Cat. Lep. Het. B. M. viii, p. 160, No. 9, (1856).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876).

Recorded from Sylhet.
Type is in the British Museum.

65. PANACRA AUTOMEDON.

Deilephila automedon, Boisd., MS.*
Panacra automedon, Walker, Cat. Lep. Het. B. M. viii, p. 154, No. 1 ♀, (1856).
Panacra truncata, Walker, l. c., p. 160, No. 8, ♂, (1856).
Agonyx automedon, Butler, Ill. Typ. Lep. Het. B. M. v, p. 6, pl. 79, fig. 1, (1881)

Recorded from Sylhet.
Type is in the British Museum.
In Collection, Swinhoe, are specimens from India.

66. PANACRA MYDON.

Deilephila Mydon, Boisd., MS.*
Panacra Mydon, Walker, Cat. Lep. Het. B. M. viii, p. 155, No. 2, (1856).
———————- Butler, Ill. Typ. Lep. Het. B. M. v, p. 5, pl. 78, fig. 9. (1881).
Panacra scapularis (Part), Walker, l. c., p. 157, No. 5, (1856).

Recorded from Sylhet and Barrackpur.
In Indian Museum are specimens from Sibsagar.
In Collection, Swinhoe, from Sibsagar.

67. PANACRA MINUS.

Sphinx minus, Fabr., Mant. Ins. ii, p. 96, No. 44, (1787).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876).
Chærocampa minus, Walker, Cat. Lep. Het. B. M. viii, p. 262, (1856).

Recorded from India.

68. PANACRA METALLICA.

Panacra metallica, Proc. Zool. Soc. Lond. 1875, p. 6, No. 9.
——————— Trans. Zool. Soc. Lond. ix, p. 550, (1876).

Allied to *P. mydon*.
Recorded from N. India.
Type is in the British Museum.

69. PANACRA VARIOLOSA.

Panacra variolosa, Walker, Cat. Lep. Het. B. M. viii, p. 156, No. 4, (1856).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876).

Recorded from Sylhet and Sikkim.
Allied to *P. vagans*.
In Indian Museum is a specimen from Sikkim.

70. PANACRA SCAPULARIS.

Panacra scapularis, Walker, Cat. Lep. Het. B. M. viii, p. 157, No. 5, (1856).
——————— Moore, Cat. Lep. E. I. Comp. Mus., p. 269, pl. ix, figs. 5, 5a, larva and pupa, (1857).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 551, (1876).
var. *Panacra elegantulus*, Herrich Schäffer, Aus. Europ. Schmett, pl. 83, fig. 479, (1858).*

Recorded from Java and Sylhet.
In Indian Museum are two doubtful specimens from Sibsagar.

71. PANACRA VIGIL.

Sphinx vigil, Guer., Delessert's Voy. dans l'Inde, pt. ii, p. 80, pl. 23, fig. 1, (1843).
Sphinx phœnyx, Herr Schäffer, Aus. Europ. Schmett., pl. 83, fig. 478, (1858).

Panacra lignaria (part), Walker, Cat. Lep. Het. B. M. viii, p. 156, (1856).
Anceryx phœnyx, Walker, Cat. Lep. Het. B. M., vol. xxxi, p. 36, (1864).
Panacra vigil, Moore, Cat. Lep. Mus. E. I. Comp. i, p. 270, (1857).
———— Semper, Verhandl. Zool. Botan. Gesell., Wien, p. 699, (1867).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 551, (1876).
———— Moore, Lep. Ceyl. ii, p. 25, pl. 87, figs. 3, 3*a*, 3*b*, imago, larva and pupa, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from Coimbatoor, Bombay, S. India, Ceylon, and Philippine Islands.

In Collection, Swinhoe, are specimens from Poona, Bombay, Lower Burma.

72. Panacra (?) bubastus.

Sphinx bubastus, Cramer, Pap. Exot. ii, p. 84, pl. 149, fig. E, (1777).
Amblypterus bubastus, Hübner, Verz. Bek. Schmett., p. 133, No. 1431, (1816).
Calliomma bubastus, Walker, Cat. Lep. Het. B. M. viii, p. 112, No. 6, (1856).
Panacra (?) bubastus, Butler, Trans. Zool. Soc. Lond. ix, p. 551, (1876).

Recorded from Coromandel.

73. Panacra perfecta.

Panacra perfecta, Butler, Proc. Zool. Soc. Lond. 1875, p. 391.
———— Trans. Zool. Soc. Lond. ix, p. 637, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 4, pl. 78, fig. 8, (1881).

Recorded from Darjiling.
Type is in the British Museum.
In Indian Museum is one specimen from Sikkim.

74. Panacra vagans.

Panacra vagans, Butler, Ill. Typ. Lep. Het. B. M. v, p. 4, pl. 78, fig. 7, (1881).

Recorded from Borneo and Bhutan.
Allied to *P. variolosa*.

75. Panacra insignis.

Panacra insignis, Butler, Ann. Nat. Hist., vol. x, p. 432, (1882).

Recorded from the Andaman Islands.
Allied to *P. vigil*.

Genus **Microlophia.**

76. Microlophia sculpta.

Microlophia sculpta, Felder, Reise Novara Lep., pl. 75, fig. 9, (1874).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 552, (1876).

Recorded from S. India and Siam.
Type is in Collection, F. Moore.

Genus **Cypa.**

77. Cypa incongruens.

Cypa incongruens, Butler, Ill. Typ. Lep. Het. B. M. v, p. 12, pl. 80, figs. 8 and 9, (1881).

Recorded from Darjiling.
In Indian Museum is a specimen from Sikkim.

78. CYPA FERRUGINEA.

Cypa ferruginea, Walker, Cat. Lep. Het. B. M. xxxi, p. 42, (1864).
———————— Boisd., Sp. Gén. Lep. Het. B. M., p. 53, (1875).*
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 554, (1876).
———————— Moore, Lep. Ceyl. ii, p. 8, pl. 79, fig. 3, (1882).

Recorded from Ceylon.

Genus **Chærocampa.**

79. CHÆROCAMPA ELPENOR.

Sphinx elpenor, Linn., Faun. Suec., p. 288, No. 1089, (1746).*
Oreus elpenor, Hübner, Verz. Bek. Schmett., p. 136, No. 1463, (1816).
Deilephila elpenor, Stevens, Ill. Brit. Ent. Haust. i, p. 131, (1828).*
Chærocampa elpenor, Westw. and Humph., Brit. Moths, i, p. 22, pl. 51, figs. 7 and 8, (1843-45).*
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 554, (1876).

Recorded from Europe.
In Collection, Swinhoe, are specimens from Simla and Karachi.
In Indian Museum is a specimen from Europe.

80. CHÆROCAMPA MACROMERA.

Chærocampa macromera, Butler, Proc. Zool. Soc. Lond. 1875, p. 7.
———————— Trans. Zool. Soc. Lond. ix, p. 554, (1876).
———————— Hammond, Ent. xiii, p. 280, *var.* of larva, (1880).
———————— Butler, Ill. Typ. Lep. Het. B M., p. 7, pl. 79, fig. 3, (1881).
———————— Kane, Ent. xv, p. 234, larva, (1882).
Chærocampa elpenor, var., Walker, Cat. Lep. Het. B. M. viii, p. 128, (1856).
Chærocampa rivularis, Boisd., Sp. Gén. Lep. Het., p. 280, (1875).*

Recorded from Sylhet and Shillong.
Type is in the British Museum.
In Indian Museum are specimens from Shillong.
In Collection, Swinhoe, from Shillong.
Chærocampa macromera, *C. fraterna*, and *C. elpenor*, are very closely allied.

81. CHÆROCAMPA FRATERNA.

Chærocampa fraterna, Butler, Proc. Zool. Soc. Lond. 1875, p. 247.
———————— Trans. Zool. Soc. Lond. ix, p. 554, (1876).
———————— Ill. Typ. Lep. Het. B. M. v, p. 7, pl. 79, fig. 4, (1881).

Recorded from Simla, Almora.
In Indian Museum is a specimen, from Sikkim, besides others without history.
In Collection, Swinhoe, from Simla and Sikkim.
Closely allied to *C. macromera*.

82. CHÆROCAMPA MIRABILIS.

Chærocampa mirabilis, Butler, Proc. Zool. Soc. Lond. 1875, p. 248.
———————— Trans. Zool. Soc. Lond. ix, p. 554, pl. 92, fig. 1, (1876).

Recorded from N.-W. Himalayas.
Type is in Collection, F. Moore.

83. CHÆROCAMPA ALECTO.

Sphinx alecto, Linn., Syst. Nat., Tom. I, pt. V, p. 2384, No. 20.
———— Drury, Ill. Exot. Ins. ii, p. 48, pl. 27, fig. 4, (1773).
———— Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. D, (1777).
Isoples alecto, Hübner, Verz. Bek. Schmett. p. 135, No. 1453, (1816).
Sphinx cretica, Boisd., Ann. Soc. Linn. Paris, vi, p. 118, pl. 6, fig. 5, (1827).*
Deilephila alecto, Boisd., Ind. Meth. p. 46, No. 376, (1829).*
Chærocampa alecto, Walker, Cat. Lep. Het. B. M. viii, p. 130, No. 3, (1856).
———— Aurivillius, Kongl. Sv. Vet. Akad. Handl., vol. 19, p. 138, No. 175, (1882).
Chærocampa cretica, Roberts and Butler, Proc. Zool. Soc. Lond. 1880, p. 411, pl. 39, fig. 8, larva.
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 346.

Recorded from Turkey, N. India, Sylhet, and Bombay.
In Indian Museum are specimens from Sikkim, Calcutta, Raniganj, Sibsagar, Buxa, and Karachi.
In Collection, Swinhoe, from Kasauli, Darjiling, Mhow, Poona, Bombay.

84. CHÆROCAMPA ELEGANS.

Chærocampa elegans, Butler, Proc. Zool. Soc. Lond. 1875, p. 8. pl. 2, fig. 1.
———— ———— Trans. Zool. Soc. Lond. ix, p. 556, (1876).

Recorded from Java and Sylhet.
Type is in the British Museum.
Closely allied to *C. Theylia*.

85. CHÆROCAMPA THEYLIA.

Sphinx theylia, Linn., Syst. Nat. 12, 803, 24, (1767).
Sphinx thyelia (sic), Fabr, Sp. Ins. ii, 153, 60, (1781).
Sphinx boerhaviæ, Fabr., Sp. Ins. ii, 148, 39, (1781).
Sphinx pluto, Fabr., Sp. Ins. ii, 148, 40, (1781).
Sphinx pinastrina, Martyn, Psyche, pl. 30, fig. 85, (1797).*
Sphinx octopunctata, Gmel., Syst. Nat. i, 5, 2386.*
Isoples Theylia, Hübn., Verz. Bek. Schmett., p. 135, 1455, (1816).
———— Moore, Lep. Ceyl. ii, p. 19, pl. 84, fig. 5, (1882).
Chærocampa eson (part), Walker, Cat. Lep. Het. B. M. viii, p. 137, No. 17, (1856).
Chærocampa thyelia (sic), Moore, Cat. Lep. Mus. E. I. Comp. i, p. 276, No. 638, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 288, No. 13.
Chærocampa theylia, Butler, Trans. Zool. Soc. Lond. ix, p. 556, No. 13, (1876).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 388, pl. 15, larva.

Recorded from India, Ceylon, China, Java, and Sarawak.
In Indian Museum are specimens from Calcutta, N.-E. Frontier, Ceylon, and Java.
In Collection, Swinhoe, from Deesa, Bombay, Mhow, Sikkim, Poona, Simla, Karachi, Ceylon.

86. CHÆROCAMPA RAFFLESII.

Chærocampa rafflesii, Butler, Trans. Zool. Soc. Lond. ix, p. 556, (1876).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.
Isoples rafflesii, Moore, Lep. Ceyl. ii, p. 19, pl. 84, fig. 3, (1882).
Sphinx theylia, Cramer, Pap. Exot. iii, i, p. 58, pl. 226, fig. F, (1779).

Recorded from Bombay, Kanara, Ceylon, Madras, and Java.
Type is in the British Museum.

In Indian Museum are specimens from Sikkim, Utakamand, and Java.

In Collection, Swinhoe, from Poona, Bombay, Ceylon.

87. CHÆROCAMPA STIPULARIS.

Chærocampa stipularis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 346, pl. 9, fig. 1.

Recorded from Afghanistan.

Type is in the British Museum.

88. CHÆROCAMPA CELERIO.

Sphinx celerio, Linn., Syst. Nat., ed. xii, p. 800, No. 12, (1767).
———— Cramer, Pap. Exot. ii, p. 42, pl. 125, fig. E, (1775).
Sphinx tisiphone, Linn., Syst. Nat., ed. xii, p. 803, No. 23, (1767).
Hippotion celerio, Hübner, Verz. Bek. Schmett. p. 135, No. 1450, (1816).
———— Moore, Lep. Ceyl. ii, p. 16, pl. 84, fig. 4, (1882).
Hippotion ocys, Hübner, l. c., p. 135, No. 1451, (1816).
Deilephila celerio, Stephens, Ill. Brit. Ent. Haust. i, p. 128, (1828).*
Phalæna inquinalis, Harris, Ex., p. 93, pl. 28, fig. 1, (1781).*
Chærocampa celerio, Duponchel, Lep. France, Suppl. ii, p. 159, (1835).*
———— Walker, Cat. Lep., Het. B. M. viii, p. 128, No. 2, (1856).
———— Moore, Cat. Lep. Mus., E. I. Comp. i, p. 274, pl. 11, figs. 1, 1*a*, (1857).
———— Boisd., Sp. Gén. Lep. Het. i, p. 238, No. 18, (1875).*
———— Butler, Trans. Zool. Soc., Lond., ix, p. 557, No. 23, (1876).
———— Kirby, Ent. Monthly Mag. xiv, p. 185, (1877).
———— Green, Entomologist, xiv, p. 255, (1881).
———— Aurivillius, Vet. Akad. Handl. Stockholm, vol. 19, No. 5, p. 139, (1882).
———— Forsayeth, Trans. Ent. Soc., Lond., 1884, p. 388.
———— Swinhoe, Proc. Zool. Soc., Lond., 1884, p. 513, and 1885, p. 288.

Recorded from Europe, Africa, the whole of India, Java, Borneo, Australia, and Fiji.

In Indian Museum are specimens from Kulu, Calcutta, and Simla.

In Collection, Swinhoe, from Kasauli, Karachi, Bombay, Mhow, Poona, Deesa, Aden.

89. CHÆROCAMPA DRANCUS.

Sphinx drancus, Cramer, Pap. Exot. ii, p. 56, pl. 132, fig. F., (1777).
Xylophanes drancus, Hübner, Verz. Bek., Schmett, p. 136, No. 1460 (1816).
Chærocampa drancus, Walker, Cat. Lep. Het. B. M. viii, p. 133, No. 9, (1856).
———— Butler, Trans. Zool. Soc., Lond. ix, p. 559 (1876).

Recorded from the East Indies and West Indies.

90. CHÆROCAMPA OLDENLANDIÆ.

Sphinx oldenlandiæ, Fabr., Sp. Ins. ii, p. 148, No. 37, (1781).
Xylophanes gortys, Hübner, Samml. Exot. Schmett, Zutr., figs. 513, 514, (1816).*
Chærocampa oldenlandiæ, Walker, Cat. Lep. Het. B. M. viii, p. 142, No. 25, (1856).
———— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 278, pl. ii, figs. 4, 4*a*, (1857).
———— Butler, Trans. Zool. Soc., Lond. ix, p. 559, pl. 91, fig. 1, (1876).
———— Forsayeth, Trans. Ent. Soc., Lond. 1884, p. 390.
———— Swinhoe, Proc. Zool. Soc., Lond., 1884, p. 514.
Xylophanes oldenlandiæ, Moore, Lep. Ceyl. ii, p. 17, pl. 85, figs. 1, 1*a*, imago and larva, (1882).

Recorded from Landour, Bombay, Karachi, Mhow, Deesa, Ceylon, Shanghai, and Java.

In Indian Museum are specimens from Calcutta, Kulu, Manbhum, and Sikkim.

In Collection, Swinhoe, from Simla, Belgaum, Bombay, Deesa, Karachi, Mhow, Poona, Sikkim.

91. CHÆROCAMPA ROSINA.

Chærocampa rosina, Butler, Proc. Zool. Soc., Lond., 1875, p. 248, pl. 37, fig. 6.
——————— Trans. Zool. Soc., Lond. ix, p. 559, (1876).

Recorded from Masuri.

Type is in Collection, F. Moore.

Allied to *C. lycetus*.

In Indian Museum is a specimen from Sikkim, and one with no history.

In Collection, Swinhoe, from Sikkim.

92. CHÆROCAMPA PUELLARIS.

Chærocampa puellaris, Butler, Proc. Zool. Soc., Lond., 1875, p. 623.
——————— Trans. Zool. Soc., Lond., ix, p. 638, (1876).

Recorded from Rawalpindi and Simla.

Allied to *C. oldenlandiæ*.

93. CHÆROCAMPA SILHETENSIS.

Chærocampa silhetensis, Walker, Cat. Lep. Het., B. M. viii, p. 143, No. 27 (1856).
——————— Butler, Trans. Zool. Soc., Lond. ix, p. 560, pl. 92, fig. 8, larva and pupa, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 8, pl. 79, fig. 6, (1881).
Xylophanes pinastrina, Moore, Lep. Ceyl. ii, p. 18, pl. 87, fig. 2, (1882).

Recorded from Sylhet, Ceylon, Java, and Borneo.

In Indian Museum are specimens from Calcutta, Kulu, and Ceylon.

In Collection, Swinhoe, from India.

94. CHÆROCAMPA LYCETUS.

Sphinx lycetus, Cramer, Pap. Exot. i, p. 96, pl. 61, fig. D, (1775).
Xylophanes lycetus, Hübner, Verz. Bek. Schmett, p. 136, No. 1457, (1816).
Chærocampa lycetus, Walker, Cat. Lep. Het. B. M. viii, p. 143, No. 26, (1856).
——————— Butler, Trans. Zool. Soc., Lond. ix, p. 560, (1876).

Recorded from Bengal.

Allied to *C. oldenlandiæ*.

In Indian Museum is a doubtful specimen from Sikkim.

95. CHÆROCAMPA LUCASII.

Chærocampa lucasii, Walker, Cat. Lep. Het. B. M. viii, p. 141, No. 24, (1856).
——————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 277, pl. 11, figs. 3, 3*a*, larva and pupa, (1857).
——————— Boisd., Sp. Gén. Lep. Het. B. M., p. 254, (1875).*
——————— Butler, Trans. Zool. Soc., Lond. ix, p. 560, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 8, pl. 79, fig. 5, (1881).

Chærocampa lucasii, Swinhoe, Proc. Zool. Soc., Lond. 1885, p. 289.
Hathia lucasii, Moore, Lep. Ceyl. ii, p. 20, pl. 86, fig. 3, (1882).

Recorded from Sylhet, Bombay, Java, Borneo, and Hongkong.
In Indian Museum are specimens from Sibsagar and Java, besides a closely allied form from Australia.
In Collection, Swinhoe, from Bombay, Sylhet.

96. CHÆROCAMPA TENEBROSA.

Chærocampa tenebrosa, Moore, Proc. Zool. Soc. Lond., p. 595, (1877).
Hathia tenebrosa, Moore, Lep. Ceyl. ii, p. 20, pl. 86, figs. 2, 2*a*, larva, (1882).

Recorded from Ceylon.

97. CHÆROCAMPA VELOX.

Sphinx velox, Fabr., Ent. Syst. iii, 1, p. 378, No. 68, (1793).
Chærocampa velox, Walker, Cat. Lep. Het. B. M. viii, p. 146, (1856).
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 561, (1876).

Recorded from India.
Allied to *C. porcus* and *C. tersa*.

98. CHÆROCAMPA CLOTHO.

Sphinx clotho, Drury, Ill. Exot. Ins. ii, p. 48, pl. 28, fig. 1, (1773).
Chærocampa clotho, Walker, Cat. Lep. Het. B. M. viii, p. 141, No. 23, (1856).
———————— Semper, Verh. Zool.-botan. Ges. Wien, p. 700, pl. 23, figs. 3*a*, 3*b*, 3*c*, larva and pupa, (1867).
———————— Butler, Trans. Zool. Soc., London, ix, p. 561, (1876).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.
Hathia clotho, Moore, Lep. Ceyl. ii, p. 20, pl. 87, fig. 1, (1882).
Sphinx batus, var., Fabr. Ent. Syst. iii, p. 377, No. 64, (1793).

Recorded from Sylhet, Moulmein, Masuri, Bombay, and Ceylon.
In Indian Museum are specimens from Sibsagar, Sikkim, Raniganj, and Bangalore.
In Collection, Swinhoe, from Bombay, Belgaum, Sikkim and Ceylon.

99. CHÆROCAMPA ASPERSATA.

Chærocampa aspersata, Kirby, Trans. Ent. Soc. Lond. 1877, p. 241.
———————— Waterhouse, Aid, vol. i, pl. 97, (1882).

Recorded from Andaman Islands.
Allied to *C. clotho* and *C. gonograpta*; Mr. Butler considers this species to be but a dark variety of *C. clotho*.

100. CHÆROCAMPA PUNCTIVENATA.

Chærocampa punctivenata, Butler, Proc. Zool. Soc. Lond. 1875, p. 248.
———————— Trans. Zool. Soc. Lond. ix, p. 562, (1876).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Recorded from Masuri, Sylhet, and Bombay.
Allied to *C. clotho*.
Type is in Collection, F. Moore.
In Indian Museum are specimens from Sibsagar and Sikkim.
In Collection, Swinhoe, from Bombay and Sikkim.

101. Chærocampa gonograpta.

Chærocampa gonograpta, Butler, Proc. Zool. Soc. Lond. 1875, p. 249.
——————————— Trans. Zool. Soc. Lond. ix, p. 562, (1876).
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Recorded from Bombay and South India.
Allied to *C. clotho*.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Poona, Belgaum, Bombay.

102. Chærocampa minor.

Chærocampa minor, Butler, Proc. Zool. Soc. Lond. 1875, p. 249.
——————————— Trans. Zool. Soc. Lond. ix, p. 562, (1876).

Recorded from Masuri.
Allied to *C. lineosa*.
Type is in Collection, F. Moore.
In Indian Museum is a specimen from Sibsagar.

103. Chærocampa major.

Chærocampa major, Butler, Proc. Zool. Soc. Lond. 1875, p. 249.
——————————— Trans. Zool. Soc. Lond. ix, p. 562, (1876).

Recorded from Darjiling and Sylhet.
Allied to *C. lineosa*.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sylhet.

104. Chærocampa lineosa.

Chærocampa lineosa, Walker, Cat. Lep. Het. B. M. viii, p. 144, No. 28, (1856).
——————————— Butler, Trans. Zool. Soc. Lond. ix, p. 562, (1876).
——————————— Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 79, fig. 7, (1881).

Recorded from Sikkim and Sylhet.
Type is in British Museum.
In Indian Museum are specimens from Cherrapunji and Sikkim.
In Collection, Swinhoe, from Sylhet, Sikkim.

105. Chærocampa nessus.

Sphinx nessus, Drury, Ill. Ins. Exot. ii, p. 46, pl. 27, fig. 1, (1773).
——————————— Cramer, Pap. Exot. iii, p. 58, pl. 226, fig. D, (1779).
Sphinx equestris, Fabr., Ent. Syst. iii, p. 365, No. 29, (1793).
Theretra equestris, Hübner, Verz. Bek. Schmett., p. 135, No. 1446, (1816).
Chærocampa nessus, Walker, Cat. Lep. Het. B. M. viii, p. 140, No. 22, (1856).
——————————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 276, pl. 11, fig. 2, 2 *a*, larva and pupa, (1857).
——————————— Butler, Trans. Zool. Soc. Lond. ix, p. 565, larva and pupa, (1876).
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514; 1885, p. 288.
Chærocampa rubicundus, Schaufuss, Nunquam Otiosus, i, p. 18, (1870).
Theretra nessus, Moore, Lep. Ceyl. ii, p. 22, pl. 86, fig. 1, (1882).

Recorded from Sylhet, Moulmein, Bombay, Karachi, Kanara, Ceylon, Hongkong, and Java.
In Indian Museum are specimens from Sibsagar, Sylhet, Shillong, Sikkim, and Ceylon.
In Collection, Swinhoe, from Karachi, Belgaum, Bombay.

106. CHÆROCAMPA PALLICOSTA.

Chærocampa pallicosta, Walker, Cat. Lep. Het. B. M. viii, p. 145, No. 31, (1856).
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 566, (1876).
———————— Ill. Typ. Lep. Het. B. M. iii, p. 1, pl. 41, fig. 2, (1879).
Gnathothlibus pallicosta, Moore, Lep. Ceyl. ii, p. 21, pl. 84, fig. 6, (1882).

Recorded from Sylhet, Ceylon, and Hongkong.
Type is in the British Museum.
In Collection, Swinhoe, are specimens from Sylhet.

107. CHÆROCAMPA EROTUS.

Sphinx erotus, Cramer, Pap. Exot. ii, p. 12, pl. 104, fig. B. (1777).
Chromis erotus, Hübner, Verz. Bek. Schmett., p. 138, No. 1479, (1816).
Chærocampa erotus, (part), Walker, Cat. Lep. Het. B. M. viii, p. 146, No. 34, (1856).
———————— Koch, Stett. Ent. Zeit. 1871, p. 239 (note).
var. *Chærocampa andamanensis*, Kirby, Trans. Ent. Soc. Lond. 1877, p. 242.
———————— Waterhouse, Aid, iii, pl. 141, figs. 1-4, (1884).*

Recorded from Australia, Solomon Islands, the var. *Andamanensis* being from the Andaman Islands.
Allied to *C. erotoides*.
In Indian Museum are two specimens from Australia and one from the Andaman Islands.

108. CHÆROCAMPA PRUNOSA.

Chærocampa prunosa, Butler, Proc. Zool. Soc. Lond. 1875, p. 622.
Xylophanes prunosa, Moore, Lep. Ceyl. ii, p. 18, pl. 84, fig. 2, (1882).

Recorded from Ceylon.
Allied to *C. rosina*.
In Collection, Swinhoe, are specimens from India.

Genus **Deilephila.**

109. DEILEPHILA LIVORNICA.

Sphinx livornica, Esper. Ausl. Schmett. ii, pp. 87, 196, pl. 8, fig. 4, (1785).*
Sphinx lineata, Fabr., Sp. Ins. ii, p. 147, No. 34, (1781).
Sphinx kochlini, Fuessly, Arch. Ins. Gesch. p. 10, pl. 33, figs. 1-6, larva and pupa, (1794).*
Phryxus livornica, Hüb., Verz. Bek. Schmett., p. 137, No. 1468, (1816).
Deilephila livornica, Stephens, Cat. Brit. Lep. B. M., pt. 1, p. 28, (1850).*
———————— Walker, Cat. Lep. Het. B. M. viii, p. 164, (1856).
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 568, (1876).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 513, and 1885, p. 287.
Trans. Ent. Soc. Lond. 1885, p. 346.
———————— Bignell, Entomologist, v., pp. 169, 180, 214, larva and pupa, (1870).*
———————— Hellins, Ent. Monthly Mag. vii, p. 99, larva and pupa.

Recorded from Europe, Tunis, and various parts of India.
In Indian Museum is a specimen from Sagar, and one received from the Karachi Museum.
In Collection, Swinhoe, are specimens from Simla, Umballa, Karachi, Bombay, Deesa, Mhow, and Quetta.

110. DEILEPHILA LATHYRUS.

Deilephila lathyrus, Walker, Cat. Lep. Het. B. M. viii, p. 172, No. 16, (1856).
———————— Boisd., Sp. Gén. Lep. Het. i, pl. 6, fig. 2, (1875).*
———————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 80, fig. 1, (1881).

Recorded from Almora.

In Indian Museum is one doubtful specimen with no history.

111. DEILEPHILA ROBERTSI.

Deilephila Robertsi, Butler, Proc. Zool. Soc. Lond. 1880, p. 412, pl. 39, figs. 9 and 10, larva and pupa.

Recorded from Candahar.

Genus **Daphnis**.

112. DAPHNIS NERII.

Sphinx nerii, Linn., Syst. Nat. i, 2, p. 798, No. 5, (1767).
———————— Cramer, Pap. Exot. iii, p. 51, pl. 224, fig. D, (1779).
Daphnis nerii, Hübner, Verz. Bek. Schmett., p. 134, No. 1441, (1816).
———————— Walker, Cat. Lep. Het. B. M. viii, p. 188, (1856).
———————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 272, pl. 10, figs. 3,3*a*, larva and pupa, (1857).
———————— Butler, Proc. Zool. Soc. Lond. 1881, p. 613 (note), larva and pupa.
———————— Moore, Lep. Ceyl. ii, p. 14, pl. 82, fig. 1, imago fig. 1*a*, larva and pupa, (1882).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 513, 1885, p. 288, larva and pupa.
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 390, pl. xv, larva and pupa.
Deilephila nerii, Boisd., Faune Ent. de Madag., p. 74, No. 6, (1833).*
Chærocampa nerii, Curtis, Brit. Ent. xiii, pl. 626, (1837).*

Recorded from Europe, S. Africa, Mauritius, Kanara and Bombay.

In Indian Museum are specimens from Calcutta, Sikkim, and Buxa; also a smaller variety received from the Karachi Museum.

In Collection, Swinhoe, are specimens from Roorkee, Karachi, Utacamand, Mhow, Poona, and Bombay.

113. DAPHNIS HYPOTHOËS.

Sphinx hypothoës, Cramer, Pap. Exot. iii, p. 165, pl. 285, fig. D, (1780).
Daphnis hypothoës, Hübner, Verz. Bek. Schmett., p. 134, No. 1440, (1816).
Darapsa hypothoës, (part) Moore, Cat. Lep. Mus. E. I. Comp., p. 271, pl. 10, figs. 2 and 2*a*, larva and pupa, (1857).
———————— ———————— Lep. Ceyl. ii, p. 15, pl. 83, figs. 1 and 1*a*, imago, larva and pupa, (1882).
Chærocampa hypothoës, Boisd., Sp. Gén. Lep. Het., p. 226, (1875).*

Recorded from Sikkim, Ceylon, Java, Labuan, and Sarawak.

In Indian Museum are specimens from Sikkim, Sibsagar, Calcutta, Ceylon, and the Andaman Islands.

In Collection, Swinhoe, from Ceylon and Sikkim.

114. DAPHNIS MINIMA.

Daphnis minima, Butler, Trans. Zool. Soc. Lond. ix, p. 573, pl. 92, fig. 5, (1876).

Recorded from S. India.

Type is in Collection, F. Moore.

115. DAPHNIS BHAGA.

Daphnis bhaga, Moore, Proc. Zool. Soc. Lond. 1865, p. 794.
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 573, (1876).

Recorded from N.-E. Bengal.
Type is in Collection, F. Moore.
In Indian Museum are specimens from Sikkim.

116. DAPHNIS ANDAMANA.

Daphnis andamana, Druce, Ent. Monthly Mag. xix, p. 16.

Recorded from the Andaman Islands.
Allied to *D. bhaga*.

117. DAPHNIS LAYARDII.

Daphnis layardii, Moore, Lep. Ceyl. ii, p. 16, pl. 84, fig. 1, (1882).

Recorded from Ceylon.

Sub-Family III.—AMBULACINAE.

Genus **Ambulyx**.

118. AMBULYX SUBSTRIGILIS.

Sphinx (*Ambulyx*) *substrigilis*, Westw., Cab. Or. Ent., p. 61, pl. 30, fig. 2, (1848).
Ambulyx substrigilis, Walker, Cat. Lep. Het. B. M. viii, p. 122, No. 3, (1856).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 579, (1876).

Recorded from Sikkim and Sylhet.
Type is in the British Museum.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.

119. AMBULYX MACULIFERA.

Ambulyx maculifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1851, (1866).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 580, (1876).
——————————— Ill. Typ. Lep. Het. B. M. v, p. 10, pl. 80, fig. 3, (1881).

Recorded from Darjiling.
Type is in the British Museum.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.
This species is perhaps a variety of *A. substrigilis*, to which it is very closely allied.

120. AMBULYX CONSANGUIS.

Ambulyx consanguis, Butler, Ill. Typ. Lep. Het. B. M. v, p. 11, pl. 80, fig. 4, (1881).

Recorded from Darjiling.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.
This species is perhaps a variety of *A. substrigilis*, to which it is very closely allied.

121. AMBULYX RHODOPTERA.

Ambulyx rhodoptera, Proc. Zool. Soc, Lond. 1875, p. 251.
———————— Trans. Zool. Soc. Lond. ix, p 580, pl. 93, fig. 8, (1876).

Recorded from Darjiling.
Type is in Collection, F. Moore.

122. AMBULYX SERICEIPENNIS.

Ambulyx sericeipennis, Butler, Proc. Zool. Soc. Lond. 1875, p. 251.
———————— Trans. Zool. Soc. Lond. ix, p. 580, (1876).

Recorded from Masuri, Sikkim, and Simla.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Simla and Sikkim.

123. AMBULYX LAHORA.

Ambulyx lahora, Butler, Proc. Zool. Soc. Lond. 1875, p. 251.
———————— Trans. Zool. Soc. Lond. ix, p. 580, pl. 93, fig. 9, (1876).

Recorded from N.-W. Himalayas.
Type is in Collection, F. Moore.

124. AMBULYX TURBATA.

Ambulix turbata, Butler, Proc. Zool. Soc. Lond. 1875, p. 252.
———————— Trans. Zool. Soc. Lond. ix, p. 580, pl. 93, fig. 7, (1876).
———————— Moore, Lep. Ceyl. ii, p. 12, pl. 80, fig. 1, (1882).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289, No. 22.

Recorded from Darjiling, Bombay, Belgaum, Kanara, and Ceylon.
Type is in Collection, F. Moore.
In Indian Museum is a specimen from Sikkim.
In Collection, Swinhoe, from Sikkim and Belgaum.

125. AMBULYX JUNONIA.

Ambulyx junonia, Butler, Ill. Typ. Lep. Het. B. M. v, p. 9, pl. 80, fig. 2, (1881).

Recorded from Bhutan.
Allied to *A. rubricosa*.

126. AMBULYX ELWESI.

Ambulyx elwesi, Druce, Ent. Monthly Mag. xix, p. 17, (1882).
———————— Waterhouse, Aid, ii, pl. 136, fig. 3, (1883).*

Recorded from Darjiling.
Type is in Collection, Druce.
In Indian Museum is a specimen from Sikkim.

127. AMBULYX RUBRICOSA.

Ambulyx rubricosa, Walker, Cat. Lep. Het. B. M. viii, p. 122, No. 4, (1856).
Basiana superba, Moore, Proc. Zool. Soc. Lond. 1865, p. 793.
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 582, (1876).

Recorded from Calcutta and Darjiling.
In Indian Museum are specimens from Sikkim, which are very variable in colour.
In Collection, Swinhoe, from Sikkim.

128. AMBULYX AURIPENNIS.

Ambulyx auripennis, Moore, Proc. Zool. Soc. Lond. 1879, p. 388.
———— Moore, Lep. Ceyl. ii, p. 11, pl. 79, figs. 1, 1*a*, 1*b*, imago, larva and pupa, (1882).

Recorded from Ceylon.

129. AMBULYX THWAITESII.

Ambulyx thwaitesii, Moore, Lep. Ceyl. ii, p. 11, pl. 80, figs. 2, 2*a*, 2*b*, imago, larva and pupa, (1882).

Recorded from Ceylon.

Genus **Philampelus.**

130. PHILAMPELUS (?) ORIENTALIS.

Philampelus orientalis, Felder, Reise Novara, Lep., pl. 77, fig. 1, ♂, (1874).

Sub-Family IV.—SMERINTHINAE.

Genus **Mimas.**

131. MIMAS DECOLOR.

Smerinthus decolor, Walker, Cat. Lep. Het. B. M. viii, p. 255, No. 19, (1856).
———— Schaufuss, Nunquam Otiosus, i, p. 14, (1871).*
Mimas decolor, Butler, Trans. Zool. Soc. Lond. ix, p. 583, (1876).

Recorded from Darjiling.
In Indian Museum is a specimen from Tavoy.

Genus **Polyptychus.**

132. POLYPTYCHUS DENTATUS.

Sphinx dentata, Cramer, Pap. Exot. ii, p. 42, pl. 125, fig. G, (1777).
Polyptychus dentatus, Hübner, Verz. Bek. Schmett. p. 141, No. 1514, (1816).
———— Butler, Trans. Zool. Soc. Lond. ix, p. 583, pl. 91, fig. 10, larva and pupa, (1876).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 395.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.
Smerinthus dentatus, Walker, Cat. Lep. Het. viii, p. 252, No. 14, (1856).

Recorded from Bengal, Sikkim, and Bombay.
In Indian Museum are specimens from Sikkim.

133. POLYPTYCHUS TIMESIUS.

Sphinx timesius, Stoll., Suppl. Cramer, Pap. Exot. p. 172, pl. 40, fig. 1, (1790).
Sphinx modesta, Fabr., Ent. Syst. iii, i, p. 356, No. 4, (1793).
Smerinthus timesius, Walker, Cat. Lep. Het. B. M. viii, p. 252, No. 15, (1856).
Polyptychus timesius, Butler, Trans. Zool. Soc. Lond., ix, p. 584, (1876).

Recorded from Tranquebar, Masuri, Sylhet, Nepal, and North China.
Allied to *P. dentatus*.
In Indian Museum are specimens from the Naga Hills and Sikkim.

Genus **Langia.**

134. LANGIA ZENZEROIDES.

Langia zenzeroides, Moore, Proc. Zool. Soc. Lond. 1872, p. 567.
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 585, (1876).
——————— Gott, Ent. Monthly Mag. xiv, p. 116, larva and pupa.

Recorded from Simla.
Type is in Collection, Lang.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Simla and Sikkim.

135. LANGIA KHASIANA.

Langia khasiana, Moore, Proc. Zool. Soc. Lond. 1872, p. 568.
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 586, (1876).

Recorded from the Khasi Hills.
Type is in Collection, F. Moore.

Genus **Triptogon.**

136. TRIPTOGON CRISTATA.

Triptogon cristata, Butler, Proc. Zool. Soc. Lond. 1875, p. 253, No. 39.
——————— Trans. Zool. Soc. Lond. ix, p. 586, (1876).

Recorded from Sikkim.
Allied to *T. gigas*.
Type is in Collection, Farr.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Sikkim.

137. TRIPTOGON GIGAS.

Triptogon gigas, Butler, Proc. Zool. Soc. Lond. 1875, p. 253, No. 38.
——————— Trans. Zool. Soc. Lond, ix, p. 586, (1876).
——————— Ill. Typ. Lep. Het. B. M. v, p. 12, pl. 80, fig. 5, (1881).

Recorded from Sylhet.
Type is in the British Museum.

138. TRIPTOGON FLORALE.

Ambulyx floralis, Butler, Trans. Zool. Soc. Lond. ix, p. 639, (1876).
Triptogon florale, Butler, Ill. Typ. Lep. Het. B. M. v, p. 13, pl. 81, fig. 1, (1881).

Recorded from Darjiling.
In Indian Museum is a specimen from Sikkim.
In Collection, Swinhoe, from Sikkim.

139. TRIPTOGON ALBICANS.

Triptogon albicans, Butler, Proc. Zool. Soc. Lond. 1875, p. 254, No. 40.
——————— ——————— Trans. Zool. Soc. Lond. ix, p. 586, pl. 93, fig. 6, (1876).

Recorded from Masuri and Dharmsala.
Allied to *T. gigas*.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Dharmsala.

140. TRIPTOGON DYRAS.

Smerinthus dyras, Walker, Cat. Lep. Het. B. M. viii, p. 250, No. 13, (1856).
Triptogon dyras, Butler, Trans. Zool. Soc. Lond. ix, p. 586, (1876).
Marumba dyras, Moore, Lep. Ceyl. ii, p. 9, pl. 78, figs, i, i*a*, i*b*, i*c*, imago, larva and pupa, (1882).

Recorded from Sylhet, Sikkim, Kanara, and Ceylon.
Type is in the British Museum.
In Indian Museum are specimens from Sikkim and Sibsagar.
In Collection, Swinhoe, from Sikkim, Sylhet, Subathu.

141. TRIPTOGON CEYLONICA.

Triptogon ceylonica, Butler, Proc. Zool. Soc. Lond. 1875, p. 255.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587, (1876).
Smerinthus dyras, ♂, Walker, Cat. Lep. Het. B. M. viii, p. 250, (1856).
Marumba ceylonica, Moore, Lep. Ceyl. ii, p. 9, pl. 97, fig. 2, (1882).

Recorded from Ceylon.
A local form of *T. dyras*.

142. TRIPTOGON SILHETENSIS.

Triptogon silhetensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 255, No. 440.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587, (1876).

Recorded from Sylhet.
A local form of *T. dyras*.
In Collection, Swinhoe, are specimens from Sikkim and Sylhet.

143. TRIPTOGON ORIENS.

Triptogon oriens, Butler, Proc. Zool. Soc. Lond. 1875, p. 255, No. 45.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587, pl. 93, fig. 3, (1876).

Recorded from N.-E. India.
A local form of *T. dyras*.
Type is in Collection, F. Moore.

144. TRIPTOGON MASSURENSIS.

Triptogon massurensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 46.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587 pl. 93, fig. 5, (1876).

Recorded from Masuri.
A local form of *T. dyras*.
Type is in Collection, F. Moore.

145. TRIPTOGON FUSCESCENS.

Triptogon fuscescens, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 47.
——— ——— Trans. Zool. Soc. Lond. ix, p. 587, pl. 93, fig. 2, (1876).

Recorded from Darjiling.
A local form of *T. dyras*.
Type is in Collection, F. Moore.

146. TRIPTOGON DECORATA.

Smerinthus decoratus, Moore, Proc. Zool. Soc. Lond. 1872, p. 568.
Triptogon decorata, Butler, Trans. Zool. Soc. Lond. ix, p. 588, (1876).

Recorded from Sikkim.

147. TRIPTOGON SPECTABILIS.

Triptogon spectabilis, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 48.
——————————— Trans. Zool. Soc. Lond. ix, p. 588, pl. 93, fig. i, (1876).

Recorded from Darjiling.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Darjiling.

148. TRIPTOGON ANDAMANA.

Triptogon andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 595.

Recorded from the South Andaman Islands.

149. TRIPTOGON RECTILINEA.

Triptogon rectilinea, Moore, Proc. Zool. Soc. Lond. 1879, p. 388.
——————————— Waterhouse, Aid, ii, pl. 140, fig. 5.*

Recorded from N. India.

150. TRIPTOGON INDICA.

Smerinthus indicus, Walker, Cat. Lep. Het. B. M. viii, p. 254, No. 17, (1856).
Triptogon indica, Butler, Trans. Zool. Soc. Lond. ix, p. 588, (1876).
——————————— Ill. Typ. Lep. Het. B. M. v, p. 13, pl. 81, fig. 2, (1881).

Recorded from N. India.
Type is in the British Museum.
In Indian Museum is a specimen with no history.

Genus **Smerinthus**.

151. SMERINTHUS KINDERMANII.

Smerinthus kindermanii, Lederer, Verh. Zool. Bot. Ver. Wien, ii, pt. 2, p. 92, (1853).
——————————— Erschoff, Lep. Turk., p. 26, No. 81, pl. 2, fig. 19, (1874).*
Calasymbolus kindermanni, Butler, Trans. Zool. Soc. Lond. ix, p. 592, (1876).
Eusmerinthus kindermanni, Butler, Proc. Zool. Soc. Lond. 1880, p. 413, No. 26, pl. 39, figs. 11, 12, larva and pupa.

Recorded from Kandahar, Pontus.

Genus **Daphnusa**.

152. DAPHNUSA PORPHYRIA.

Daphnusa porphyria, Butler, Trans. Zool. Soc. Lond. ix, p. 640, (1876).

Recorded from Darjiling.
In Collection, Swinhoe, are specimens from Darjiling.

Genus **Leucophlebia.**

153. LEUCOPHLEBIA LINEATA.

Leucophlebia lineata, Westw., Cab. Or. Ent., p. 46, pl. 22, fig. 2, (1848).
———————— Walker, Cat. Lep. Het. B. M. ix, p. 136, No. 1, (1856).
———————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 65, pl. 8, fig. 5, larva, (1857).
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 594, (1876).

Recorded from Nepal, N. India, and Java.
In Indian Museum are specimens from Goalpara, the Khasi Hills, and Sibsagar.
In Collection, Swinhoe, from India.

154. LEUCOPHLEBIA ROSACEA.

Leucophlebia rosacea, Butler, Proc. Zool. Soc. Lond. 1875, p. 15, pl. 2, fig. 4, ♂.
———————— Trans. Zool. Soc. Lond. ix, p. 595, (1876).
———————— Moore, Lep. Ceyl. ii, p. 10, pl. 80, fig. 3, (1882).

Recorded from Kasauli, Coimbatore, and Ceylon.
Allied to *L. lineata*.
Type is in the British Museum.
In Indian Museum is a specimen from Barrackpur, and one with no history.

155. LEUCOPHLEBIA BICOLOR.

Leucophlebia bicolor, Butler, Proc. Zool. Soc. Lond. 1875, p. 16, No. 33, pl. 2, fig. 5, (1875).
———————— Trans. Zool. Soc. Lond. ix, p. 595, (1876).
———————— Ill. Typ. Lep. Het. B. M. v, p. 11, pl. 80, fig. 6, (1881).

Recorded from Almorah, Bombay, and Mhow.
Allied to *L. lineata* and *L. emittens*.
Type is in the British Museum.
In Indian Museum are specimens from Yarkand.
In Collection, Swinhoe, from Simla, Sattara, Mhow.

156. LEUCOPHLEBIA EMITTENS.

Leucophlebia emittens, Walker, Cat. Lep. Het. B. M. xxxv, p. 1858, (1866).
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 595, (1876).

Recorded from India.
Type is in the British Museum.

157. LEUCOPHLEBIA DAMASCENA.

Leucophlebia damascena, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.
———————— Trans. Zool. Soc. Lond. ix, p. 639, (1876).
———————— Ill. Typ. Lep. Het. B. M. v, p. 11, pl. 80, fig. 7, (1881).

Recorded from Sikkim.
Allied to *L. bicolor*.
In Collection, Swinhoe, are specimens from India.

Genus **Clanis.**

158. CLANIS DEUCALION.

Basiana deucalion, Walker, Cat. Lep. Het. B. M. viii, p. 236, No. 1, (1856).
Clanis deucalion, Butler, Trans. Zool. Soc. Lond. ix, p. 595, (1876).
———————— Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 394.

Recorded from North India.
Closely allied to *C. bilineata*.
In Indian Museum are specimens from Shillong.

159. CLANIS BILINEATA.

Basiana bilineata, Walker, Cat. Lep. Het. B. M xxxv, p. 1857, (1866).
Clanis bilineata, Butler, Trans. Zool. Soc. Lond. ix, p. 595, (1876).
———————— Ill. Typ. Lep. Het. B. M. v, p. 14, pl. 81, fig. 4, (1881).

Recorded from Darjiling and Shanghai.
Closely allied to *C. deucalion*.
In Indian Museum are specimens from Sikkim.
In Collection, Swinhoe, from Darjiling.

160. CLANIS CERVINA.

Basiana cervina, Walker, Cat. Lep. Het. B. M. viii, p. 237, No. 2, (1856).
Clanis cervina, Butler, Trans. Zool. Soc. Lond. ix, p. 596, (1876).
———————— Ill. Typ. Lep. Het. B. M. v, p. 15, pl. 81, fig. 6, (1881).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 393, pl. xv. figs. 1 and 2.

Recorded from Bengal and Madras.
In Indian Museum are specimens with no history.

161. CLANIS PUDORINA.

Smerinthus pudorinus, Walker, Cat. Lep. Het. B. M. viii, p. 253, No. 16, (1856).
Basiana pudorina, Butler, Trans. Zool. Soc. Lond. ix, p. 596, (1876).

Recorded from Almorah.
Type is in the British Museum.

162. CLANIS EXUSTA.

Basiana exusta, Butler, Proc. Zool. Soc. Lond., 1875, p. 252, No. 37, (1875).
———————— Trans. Zool. Lond. ix, p. 595, pl. 93, fig. 4, (1876).

Recorded from Kunawar, Kashmir, Simla.
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Simla.

163. CLANIS PHALARIS.

Sphinx phalaris, Cramer, Pap. Exot. ii, p. 83, pl. 149, fig. A, (1777).
Sphinx pagana, Fabr., Sp. Ins. ii, p. 146, No. 29, (1781).
Clanis phalaris, Hübner, Verz. Bek. Schmett, p. 138, No. 1481, (1816).
Coequosa phalaris, Walker, Cat. Lep. Het. B. M. viii, p. 258, No. 3, (1856).
Basiana cervina (part), Walker, loc. cit., p. 237, No. 2, (1856).
Basiana phalaris, Butler, Trans. Zool. Soc. Lond. ix, p. 596, (1876).

Clanis nicobariensis, Schwarz, Beytr. 1, p. 1.*
——————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 14 (note), (1881).

Recorded from North India.
In Indian Museum are specimens from Sikkim.

Sub-family V.—Acherontiinæ.

Genus **Acherontia**.

164. Acherontia styx.

Acherontia styx, Westw., Cab. Or. Ent., p. 88, pl. 42, fig. 3, (1848).
——————— Butler, Trans. Zool. Soc. Lond. ix, p 597, (1876).
——————— Moore, Lep. Ceyl. ii, p. 7, pl. 76, fig. 1, 1*a*, 1*b*, 1*c*, imago, larva, and pupa, (1882).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 392.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290, larva.
Acherontia atropos (part), Walker, Cat. Lep. Het. B. M. viii, p. 233, (1856).

Recorded from North India and Turkey in Asia.
In Indian Museum are specimens from Calcutta, Sikkim, Sibsagar, Tezpur, Kulu, Bangalore, and Java.
In Collection, Swinhoe, from Dugshai, Deesa.

165. Acherontia medusa.

Acherontia medusa, Butler, Trans. Zool. Soc. Lond. ix, p. 597, pl. 92, fig. 10, larva and pupa, (1876).
——————— Ill. Typ. Lep. Het. B. M, iii, p. 3, pl. 41, fig. 5, (1881).
Acherontia styx (part), Moore, Cat. Lep. Mus. E. I. Comp. i, p. 266, (1857).

Recorded from Java, Hongkong, Shanghai, Philippine Islands, and Japan.

166. Acherontia morta.

Acherontia morta, Hübner, Verz. Bek. Schmett, p. 140, No. 1496, (1816).
——————— Butler, Trans. Zool. Soc. Lond. ix, p. 598, pl. 92, fig. 9, larva and pupa, (1876).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.
Sphinx atropos var., Cramer, Pap. Exot. iii, p. 74, pl. 237, fig. A, (1779).
——————— Gray, Cuvier's Animal Kingdom, pl. 137, fig. 4, (1832).*
? *Sphinx lachesis*, Fabr. Ent. Syst. Suppl., p. 434, Nos. 26, 27, (1798).
Acherontia Satanas, Boisd., Sp. Gén. Lep. Pap., pl. 16, fig. 1, (1836).*
——————— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 267, pl. 9, figs. 2, 2*a*, larva and pupa, (1857).
——————— Boisd., Sp. Gén. Lep. Het., p. 7, (1875).*
——————— Snellen, Tijd. Ent. xx, p. 4, (1877).
Acherontia lethe, Westw., Cab. Or. Ent., p. 87, pl. 42, fig. 2, (1848).
——————— Walker, Cat. Lep. Het. B. M. viii, p. 235, (1856).
Acherontia lachesis, Moore, Lep. Ceyl. ii, p. 6, pl. 77, figs. 1, 1*a*, 1*b*, 1*c*, imago, larva and pupa, (1882).

Recorded from Hongkong, Java, Ceylon, Balasore, Sylhet, Bombay, and Mhow.
In Indian Museum are specimens from Calcutta, Khasi Hills, Sibsagar, Sikkim, Goalpara, Buxa, Ceylon, Andaman Islands, and Java.
In Collection, Swinhoe, from Bombay, Poona, Belgaum, Sylhet, Mhow.

Sub-Family VI.—Sphinginæ.

Genus **Protoparce**.

167. Protoparce orientalis.

Protoparce orientalis, Butler, Trans. Zool. Soc. Lond. ix, p. 609, pl. 91, figs. 16, 17, larva and pupa, (1876).
———————— Moore, Lep. Ceyl. ii, p. 5, pl. 75, figs. 1, 1*a-e*, imago, larva and pupa, (1882).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 391.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.
Sphinx convolvuli, Moore, Cat. Lep. Mus. E. I. Comp. i, p. 267, No. 616, pl. ix, figs. 3, 3*a*, larva and pupa, (1857).

Recorded from Scinde, Bombay, Manipur, N. Bengal, Moulmein, Ceylon, Java, and Hongkong.
Closely allied to *P. convolvuli*.
In Indian Museum are specimens from Calcutta.
In Collection, Swinhoe, from Kasauli, Bombay, Poona, Deesa, Neilgherries, Mhow, Karachi.

168. Protoparce convolvuli.

Sphinx convolvuli, Linn., Syst. Nat, ed. xii, p. 798, No. 6, (1767).
———————— Fabr., Sp. Ins. ii, p. 150, No. 46, (1781).
———————— Walker, Cat. Lep. Het. B. M., viii, p. 212, No. 1, (1856).
———————— Boisd., Sp. Gén. Lep. Het. i, p. 94, No. 31, (1875).*
———————— Aurivillius, Kongl. Sv. Akad. Hand., Band. 19, No. 5, p. 129, (1882).
———————— Newman, Entomologist, viii, p. 272, larva.*
———————— Snellen, Tijd. Ent. xx, p. 3, (1877).
Agrius convolvuli, Hübner, Verz. Bek. Schmett., p. 140, No. 1506, (1816).
Protoparce convolvuli, Butler, Trans. Zool. Soc. Lond. ix, p. 609, (1876).

Recorded from Europe, Asia, and S. Africa.
Closely allied to *P. orientalis*.
In Indian Museum are specimens from Calcutta, Goalpara, Darbhanga, Kulu, Sikkim, Sibsagar, and Java.

Genus **Pseudosphinx**.

169. Pseudosphinx nyctiphanes.

Macrosila nyctiphanes, Walker, Cat. Lep. Het. B. M. viii, p. 209, No. 16, (1856).
Pseudosphinx nyctiphanes, Butler, Trans. Zool. Soc. Lond. ix, p. 610, (1876).
———————— ———————— Ill. Typ. Lep. Het. v, p. 15, pl. 81, fig. 7, (1881).

Recorded from Sylhet.
Type is in the British Museum.
In Indian Museum are specimens from Sylhet, besides representatives of a darker variety of the species from the Andaman Islands and Perak.
In Collection, Swinhoe, from Sylhet.

170. Pseudosphinx inexacta.

Macrosila inexacta, Walker, Cat. Lep. Het. B. M. viii, p. 208, No. 14, (1856).

Pseudosphinx inexacta, Butler, Trans. Zool. Soc. Lond. ix, p. 611, (1876).
———— Ill. Typ. Lep. Het. B. M. v, p. 16, pl. 81, fig. 8, (1881).

Recorded from Masuri.
Type is in the British Museum.
In Indian Museum is one specimen from Cherra.
In Collection, Swinhoe, are specimens from Matheran, Bombay.

171. PSEUDOSPHINX CYRTOLOPHIA.

Pseudosphinx cyrtolophia, Butler, Proc. Zool. Soc. Lond. 1875, p. 259, No. 54.
———— Trans. Zool. Soc. Lond. ix, p. 611, pl. 92, fig. 6, and pl. 91, figs. 11, 12, 13, imago, larva, and pupa, (1876).

Recorded from Madras.
Type is in Collection, F. Moore.

172. PSEUDOSPHINX FO.

Zonilia fo, Walker, Cat. Lep. Het. B. M. viii, p. 195, No. 6, (1856).
Dolba fo, Butler, Trans, Zool. Soc. Lond, ix, p. 612, No. 1, (1876).
Pseudosphinx fo, Butler, Ill. Typ. Lep. Het. B. M., v, p. 16, pl. 81, fig. 9, (1881).

Recorded from N. India.
Type is in the British Museum.
In Indian Museum are specimens from Sikkim.

Genus **Apocalypsis**.

173. APOCALYPSIS VELOX.

Apocalypsis velox, Trans. Zool. Soc. Lond. ix, p. 641, (1876).

Recorded from Darjiling.
In Indian Museum is a specimen from Sikkim.

Genus **Diludia**.

174. DILUDIA OBLIQUA.

Macrosila obliqua, Walker, Cat. Lep. Het. B. M. viii, p. 208, (1856).
Diludia obliqua, Butler, Trans. Zool. Soc. Lond. ix, p. 614, (1876).
———— Moore, Lep. Ceyl. ii, p. 4, pl. 74, fig. 2, (1882).

Recorded from Ceylon.

175. DILUDIA GRANDIS.

Diludia grandis, Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 56.
———— Trans. Zool. Soc. Lond. ix, p. 614, (1876).

Recorded from Nepal.
Type is in Collection, F. Moore.

176. DILUDIA DISCISTRIGA.

Macrosila discistriga, Walker, Cat. Lep. Het. B. M. viii, p. 209, No. 17, (1856).
———— Moore, Cat. Lep. Mus. E. I. Comp. i, p. 268, (1857).
Meganoton discistriga, Boisd., Sp. Gén. Lep. Het., p. 59, (1875).*

Diludia discistriga, Butler, Trans. Zool. Soc. Lond. ix, p. 615, (1876).
——————— Ill. Typ. Lep. Het. iii, p. 3, pl. 41, fig. 6, (1879).
——————— Moore, Lep. Ceyl. ii, p. 3, pl. 73, fig. 1, 1*a*, 1*b*, imago, larva and pupa, (1882).

Recorded from Bombay, Masuri, Ceylon, China, Java, and Borneo.
Type is in the British Museum.
In Indian Museum are specimens from Bangalore and Sagar.
In Collection, Swinhoe, from Dharmsala and Bombay.

177. DILUDIA MELANOMERA.

Diludia melanomera, Butler, Proc. Zool. Soc. Lond. 1875, p. 13, No. 27.
——————— Trans. Zool. Soc. Lond. ix, p. 615, pl. 94, fig. 4, (1876).

Recorded from Sylhet.
Type is in the British Museum.
In Indian Museum are specimens from Sikkim, besides much faded representatives of a smaller variety from Sibsagar.
In Collection, Swinhoe, from Sylhet.

178. DILUDIA RUBESCENS.

Diludia rufescens (sic), Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 57.
Diludia rubescens, Butler, Trans. Zool. Soc. Lond. ix, p. 615, (1876).

Recorded from N. India.
Type is in Collection, F. Moore.

179. DILUDIA INCRETA.

Anceryx increta, Walker, Cat. Lep. Het. B. M. xxxi, p. 36, (1864).
Diludia increta, Butler, Ill. Typ. Lep. Het. B. M., v, p. 4, pl. 41, fig. 7, (1879).
Diludia vates (figs. only), Butler, Trans. Zool. Soc Lond. ix, p. 616, pl. 91, figs. 18, 19, (1876).

Recorded from Shanghai, Masuri, and S. India.

180. DILUDIA VATES.

Diludia vates, Butler, Proc. Zool. Soc. Lond. 1875, p. 13, No. 28.
——————— Moore, Lep. Ceyl. ii, p. 3, pl. 74, figs. 1, 1*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.
Macrosila discistriga (part), Walker, Cat. Lep. Het. B. M. viii, p. 209, (1856).
Anceryx pinastri (?), Walker, Cat. Lep. Het. B. M. viii, p. 223, (1856).
Diludia abietina, Boisd., Sp. Gén. Lep. Het. i, p. 108, No. 47, (1875).*

Recorded from Ceylon, Madras, Sylhet, Himalayas, Moulmein, and Bombay.
Type is in the British Museum.
In Indian Museum is one doubtful specimen from Sikkim.
In Collection, Swinhoe, from Neilgherries, Poona, Bombay.

[*N.B.*—The larva and pupa of *D. increta* are figured by Butler, Trans. Zool. Soc. Lond. ix, pl. 91, figs. 18, 19, under the name of *D. vates*.]

Genus **Hyloicus**.

181. HYLOICUS ASIATICUS.

Hyloicus asiaticus, Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 58.
——————— ——————— Trans. Zool. Soc. Lond. ix, p. 616, (1876).

Recorded from Scinde?
Allied to *H. pinastri* (Europe), and *H. uniformis.*
Type is in the British Museum.

182. HYLOICUS UNIFORMIS.

Hyloicus uniformis, Butler, Proc. Zool. Soc. Lond. 1875, p. 261, No. 59.
———————— Trans. Zool. Soc. Lond. ix, p. 616, (1876).

Recorded from Simla.
Allied to *H. asiaticus.*
Type is in Collection, F. Moore.
In Collection, Swinhoe, are specimens from Simla.

Genus **Sphinx.**

183. SPHINX ORNEUS.

Sphinx orneus, Westw., Cab. Or. Ent., p. 13, pl. 6, fig. 3, (1848).

Recorded from Central India.

184. SPHINX SANGUINOSA.

Sphinx sanguinosa, Martyn, Psyche, pl. 26, figs. 68, 69.*

Recorded from Tranquebar.

Genus **Nephele.**

185. NEPHELE HESPERA.

Sphinx hespera, Fabr., Syst. Ent., p. 546, No. 33, (1775).
Sphinx chiron, Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. E, (1777).
Sphinx morpheus (*var.*), Cramer, l. c., p. 84, pl. 149, fig. D, (1777).
Sphinx didyma, Fabr., Sp. Ins. ii, p. 148, No. 41, (1781).
Nephele chiron, Hübner, Verz. Bek. Schmett., p. 133, No. 1434, (1816).
Nephele morpheus, Hübner, l. c., No. 1432, (1816).
Sphinx quaterna, Charpentier, Ed. Esper's, Aus. Schmett. Sph., pl. 1, fig. 2, (1830).*
Zonilia chiron, Walker, Cat. Lep. Het. B. M. viii, p. 196, No. 8, (1856).
Zonilia morpheus, Walker, l. c., p. 194, No. 5, (1856).
Perigonia obliterans, Walker, l. c., xxxi, p. 28, (1864).
Nephele hespera, Saalmüller, Lep. Madag. i, p. 133, pl. 3, fig. 42.*
———————— Butler, Trans. Zool. Soc. Lond. ix, p. 624, pl. 91, figs. 20, 21, larva and pupa, (1876).
———————— Moore, Lep. Ceyl. ii, p. 2, pl. 72, figs. 1, 1*a*, 1*b*, imago, larva and pupa, (1882).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from Almorah, Landour, Bombay, Kanara, Coromandel, Ceylon, Australia, and Madagascar.
In Indian Museum are specimens from Calcutta, Sibsagar, Kulu and Ceylon.
In Collection, Swinhoe, from Simla, Bombay, Poona, Mhow, Sattara, Cambellpur, Karachi, Ceylon.

Genus **Calymnia.**

186. CALYMNIA PANOPUS.

Sphinx panopus, Cramer, Pap. Exot. iii, p. 50, pl. 224, figs. A, B, (1779).
Amblypterus panopus, Hübner, Verz. Bek. Schmett., p. 133, No. 1430, (1816).
Moore, Lep. Ceyl. ii, p. 13, pl. 81, figs. 1, 1*a*, 1*b*, imago, larva and pupa, (1882).

Smerinthus panopus, Westw., Cab. Or. Ent., p. 13, pl. 6, fig. 2, (1848).
Calymnia panopus, Walker, Cat. Lep. Het. viii, p. 124, No. 1, (1856).
———— Boisd., Sp. Gén. Lep. Het., p. 13, (1875).*
———— Butler, Trans Zool. Soc. Lond. ix, p. 625, (1876).

Recorded from Java, Ceylon, and North India.
In Indian Museum are specimens from Sylhet.
In Collection, Swinhoe, from Neilgherries, Sylhet.

187. CALYMNIA PAVONICA.

Calymnia pavonica, Moore, Proc. Zool. Soc. Lond. 1877, p. 596.

Recorded from the South Andaman Islands.
Allied to *C. panopus*.

Besides the specimens enumerated in the Catalogue, there are in the Indian Museum the following, which are either undetermined, or from localities other than India :—

Macroglossa, n. sp., Swinhoe, MS. near *M. proxima*, a specimen from Johore.
Macroglossa avicula, Boisd., a specimen from Java.
Macroglossa fuciformis, a specimen from Trans-Caucasia.
Macroglossa corythus, Walker, a specimen from Java.
Acosmeryx, sp., a specimen from Sikkim.
Pergesa, n. sp., Swinhoe, allied to *P. aurifera*, from Shillong.
Chærocampa suffusa, Walker, a specimen from Perak, besides one from Johore, which is much faded, but which probably belongs to the same species.
Chærocampa, sp., a specimen with no history.
Deilepheila euphorbiæ, Linn., a pair from Europe.
Smerinthus ocellatus, Linn., a specimen from Europe, and one with no recorded locality.
Lathöe populi, Linn., a specimen from Europe.

INDEX TO PART I.

A.

abietina 180.
Acherontia 164.
ACHERONTIINÆ 164.
Acosmeryx 44.
acteus 53.
acuta 52.
ægrota 59.
affictitia 11.
Agonyx 63, 65.
Agrius 168.
albicans 139.
alecto 83.
Amblypterus 72, 186.
AMBULACINÆ 118.
Ambulyx 118.
Ambulyx 138.
Ampelophaga 49.
anceoides 45.
Anceryx 71, 179, 180.
anceus 46.
andamana 116, 148.
andamanensis 107.
aquila 21.
Apocalypsis 173.
apus 5.
asiaticus 181.
asiliformis 41.
aspersata 99.
assamensis 64.
assimilis 18.
atropos 164, 166.
aurifera 60.
auripennis 128.
automedon 65.

B.

Basiana 127, 158, 159, 160, 161, 162, 163.
batus 98.
belis 18.
bengalensis 28.
bhaga 115.
bicolor 155.
bifasciata 7.
bilineata 159.
bœhaviæ 85.
bombylans 16.
bubastus 72.
usiris 62.

C.

Calasymbolus 151.
Calliomma 72.
Calymnia 186.
castanea 57.
castor 52, 54, 55.
catapyrrha 26.
celerio 88.
Cephnodes 5.
cervina 160.
cervina 163.
ceylonica 141.
CHÆROCAMPINÆ 44.
Chærocampa 50, 53, 67, 112, 113.
Chærocampa 79.
chiron 185.
Chromis 107.
cinerea 44.
Clanis 158.
clotho 98.
Coequosa 163.
consanguis 120.
convolvuli 168.
convolvuli 167.
cretica 83.
cristata 136.
cuninghami 5.
cyaniris 6.
Cypa 77.
cyrtolophia 171.

D.

damascena 157.
Daphnis 112.
Daphnusa 152.
Darapsa 113.
decolor 131
decorata 146.
decoratus 146.
Deilephila 109.
Deilephila 64, 65, 66, 79, 83, 88, 112
dentata 132.
dentatus 132.
deucalion 158.
didyma 185.
diludia 174.
discistriga 180.
discistriga 176.
divergens, 33.

dolba 172.
dolichoides 51.
dolichus 50.
drancus 89.
dyras 140.
dyras 141.

E.

elegans 84.
elegantulus 70.
Elibia 50.
ella 63.
elpenor 79.
elpenor 80.
elwesi 126.
emilia 63.
emittens 156.
enyo 46.
equestris 105.
erebina 43.
erotus 107.
eson 85.
Eusmerinthus 151.
exusta 162.

F.

fasciosa 49.
ferruginea 78.
fervens 15.
florale 138.
floralis 138.
fo 172.
fraterna 81.
fringilla 30.
fuscescens 145.

G.

gigas 137.
gilia 16.
gilia 25.
glaucoptera 35.
gloriosa 61.
Gnathothlibus 106.
gonogrupta 101.
gortys 90.
grandis 175.
gyrans 13.

H.

Hathia 95, 96, 98.
Hemaris 4.
hemichroma 29.
hespera 185.
himachala 42.
Hippotion 88.
hyas 40.
hylas 5.
Hyloicus 181.
hypothöus 113.

I.

imperator 31.
incongruens 77.
increta 179.
indica 150.
indicus 150.
inexacta 170.
infernalis 1.
infernalis 2.
inquinalis 88.
insignis 75.
insipida 10.
interrupta 23.
Isoples 83, 85, 86.

J.

junonia 125.

K.

khasiana 135.
kindermanii 151.
kindermanni 151.
kingi 5.
kochlini 109.

L.

lachesis 166.
lahora 123.
Langia 134.
lathyrus 110.
layardii 117.
lepcha 17.
lethe 166.
Leucophlebia 153.
lignaria 71.
lineata 109.
lineata 153.
lineosa 104.
livornica 109.
Lophura 37.
lucasii 95.
luteata 19.
lycetus 94.

M.

Macroglossa 1, 4, 5, 8, 36.
Macroglossa 9.
MACROGLOSSINÆ 1.
macroglossoides 56.
macromera 80.
Macrosila 169, 170, 174, 176, 180.
maculifera 119.
major 103.
Maramba 140, 141.
massurensis 144.
masuriensis 37.
Medusa 165.

Meganoton 176.
melanomera 177.
metallica 68.
Microlophia 76.
Mimas 131.
minima 114.
minor 102.
minus 67.
mirabilis 82.
modesta 133.
morpheus 185.
morta 166.
mydon 66.

N.

naga 48.
nephele 185.
nerii 112.
nessus 105.
nicobariensis 163.
nigrifasciata 34,
nycteris 8.
nyctiphanes 169.

O.

obliqua 174.
obliterans 185.
octopunctata 85.
ocys 88.
oldenlandiæ 90.
olivacea 55.
Oreus 53, 79.
oriens 143.
orientalis 27, 130, 167.
orneus 183.

P.

pagana 163.
pallicosta 106.
Panacra 62,
panopus 186.
pavonica 187.
perfecta 73.
Pergesa 52.
Pergesa 51.
Perigonia 56, 63, 185.
Phalæna 88.
phalaris 163.
Philampelus 130.
Philampelus 45, 46, 48, 51.
phœnyx 71.
Phryxus 109.
phyrrhula 18.
picus 5.
pinastri 180.
pinastrina 85, 93.
pluto 85.
Polyptychus 132.
porphyria 152.
Protoparce 167.
proxima 20.
prunosa 108.
pseudonaga 47.
Pseudosphinx 169.
Psithyros 9.
pudorina 161.
pudorinus 161.
puellaris 92.
pumilio 39.
punctivenata 100.
pusilla 38.

Q.

quaterna 185.

R.

rafflesii 86.
rectifascia 32.
rectilinea 149.
regulus 14.
Rhamphoschisma 31, 32, 33, 34, 35.
rhodoptera 121.
Rhodosoma 36.
Rhapolopsyche 7.
rivularis 80.
robertsi 111.
rosacea 154.
rosina 91.
rubescens 178.
rubicundus 105.
rubricosa 127.
rufescens 178.

S.

sanguinosa 184.
satanas 166.
sataspes 1.
saundersii 4.
scapularis 70.
scapularis 66.
sculpta 76.
sericeipennis 122.
sericeus 45.
Sesia 1, 4, 5, 9.
shervillii 44.
silhetensis 93, 142.
sitiene 24.
Smerinthinæ 131.
Smerinthus 131, 132, 133, 140, 141, 146, 150, 161, 186.
Smerinthus 151.
spectabilis 147.
Sphinginæ 167.
Sphinx 5, 9, 18, 41, 46, 53, 58, 67, 71, 72, 79, 83, 85, 86, 88, 89, 90, 94, 97, 98, 105, 107, 109, 112, 113, 118, 132, 133, 163, 166, 167, 168, 185, 186.
Sphinx 183.
stellatarum 9.

stipularis 87.
styx 164.
styx 165.
substrigilis 118.
superba 127.

T.

tagalica 3.
taxicolor 22.
tenebrosa 96.
testacea 63.
Theretra 105.
theylia 85.
theylia 86.
thwaitesii 129.
thyelia 85.
Thyris 41.
timesius 133.
tisiphone 88.
triopus 36.
Triptogon 136.
truncata 65.
turbata 124.

U.

uniformis 2, 182.

V.

vagans 74.
vampyrus 58.
variolosa 69.
vates 180.
vates 179.
velata 54.
velox 97, 173.
ventralis 3.
vialis 12.
vigil 71.
volucris 8.

X.

Xylophanes 89, 90, 93, 94, 108.

Z.

zena 18.
zenzeroides 134.
Zonilia 52, 172, 185,

Government of India Central Printing Office,—No. 19 I. M. —13-5-87.—400.

Presented

by

The Trustees

of

The Indian Museum.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. I.—SPHINGES.

CALCUTTA:

PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.

1887.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. II.—BOMBYCES.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1887.

Presented

by

The Trustees

of

The Indian Museum.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. II.—BOMBYCES.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1887.

Group BOMBYCES.

Family ÆGERIIDÆ.

Genus **Sphecia.**

188. Sphecia contracta.

Sphecia contracta, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856).
I. M., Sibsagar.

189. Sphecia repanda.

Sphecia repanda, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856).
N. India.

Genus **Pramila.**

190. Pramila atkinsoni.

Pramila atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 9, pl. 2, fig. 1, (1879).
Sikkim.

Genus **Tinthia.**

191. Tinthia cupreipennis.

Ægeria cupreipennis, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 11, (1864).
Tinthia cupreipennis, Butler, Ann. N. H. ser. iv, vol. 14, p. 408, (1874).
S. India.

Genus **Ægeria.**

192. Ægeria alterna.

Ægeria alterna, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 10, (1864).
S. India.

193. Ægeria flava.

Ægeria flava, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879).
Darjiling.

194. Ægeria tricincta.

Ægeria tricincta, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879).
——— Kellicott, Bull. Buff. Soc. iv, p. 62, (1882).*
Darjiling.

Genus **Melittia.**

195. MELITTIA ASTARTE.

Trochilium astarte, Westw., Cab. Or. Ent. p. 61, pl. 30, fig. 4, (1848).
Melittia astarte, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).

Central India.

196. MELITTIA BOMBYLIFORMIS.

Sphinix bombiliformis, Cramer, Pap. Exot. iv, p. 241, pl. 400, fig. c, (1782).
Melittia anthredoniformis, Hübn. Verz. Bek. Schmett. p. 128, (1816).
Melittia bombyliformis, Walker, Cat. Lep. Het. viii, p. 69, (1856).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 284, (1859).
———— Proc. Zool. Soc. Lond. 1865, p. 794.
Melittia bombylipennis, Boisd., Lep. Het. i, p. 465, (1875).*

I. M., Sibsagar (Peal).
Also recorded from Java.

197. MELITTIA EURYTION.

Trochilium eurytion, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 5, (1848).
Melittia eurytion, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1865, p. 794.

I. M., Cachar (Wood-Mason), and Buxa (Moti Ram).
Collection Swinhoe, Sylhet, Sibsagar, Poona.

198. MELITTIA GIGANTEA.

Melittia gigantea, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.
———— Waterhouse, Aid. ii, pl. 131, fig. 4, (1883).*

Mussooree.

199. MELITTIA INDICA.

Melittia indica, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, (1874).
Melittia bombyliformis (part), Walker, Cat. Lep. Het. B. M. viii, p. 69, (1856).

N. India.

200. MELITTIA NEPCHA.

Melittia nepcha, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879).

Darjiling.

201. MELITTIA NEWARA.

Melittia newara, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879).

Darjiling.

202. MELITTIA PHORCUS.

Trochilium phorcus, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 7, (1848).
Melittia phorcus, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, note, (1874).

I. M., Sibsagar (Peal).
Also recorded from Central India.

203. MELITTIA STAUDINGERI.

Melittia staudingeri, Boisd., Lep. Het. i, p. 475, (1875).*
Sylhet.

Genus **Lenyra.**

204. LENYRA ASHTAROTH.

Trochilium ashtaroth, Westw., Cab. Or. Ent., p. 14, pl. 6, fig. 5, (1848).
Lenyra ashtaroth, Walker, Cat. Lep. Het. B. M. viii, p. 71, (1856).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus **Thyris.**

205. THYRIS ASILIFORMIS.

Sphinx asiliformis, Fabr., Ent. Syst. iii, i, p. 357, (1793).
Thyris asiliformis, Walker, Cat. Lep. Het. viii, p. 260, (1856).
India.

Genus **Trilochana.**

206. TRILOCHANA SCOLIOIDES.

Trilochana scolioides, Moore, Descr. Ind. Lep. Atk. i, p. 10, pl. 2, fig. 2, (1879).
Darjiling.

Genus **Pseudosesia.**

207. PSEUDOSESIA GROTEI.

Pseudosesia grotei, Moore, Proc. Zool. Soc. Lond. (1879), p. 414.
N. India.

Genus **Sciapteron.**

208. SCIAPTERON SIKKIMA.

Sciapteron sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 9, (1879).
Darjiling.

Genus **Sura.**

209. SURA CHALYBEA.

Sura chalybea, Butler, Proc. Zool. Soc. Lond. 1876, p. 309, pl. 22, fig. 4.
Singapore.

Genus **Pachythiris.**

210. PACHYTHIRIS RAJAH.

Pachythiris rajah, Boisd., Lep. Het. i, p. 492, (1875).*
——————— Guen., Ann. Soc. Ent. Fr. 1877, p. 281.
Central India.

Family ZYGÆNIDÆ.

Genus **Zygæna.**

211. ZYGÆNA AFGHANA.

Zygæna afghana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, pl. vii*a*, fig. 1, (1859).

Afghanistan.

212. ZYGÆNA ASOKA.

Zygæna asoka, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.

N.-W. India.

213. ZYGÆNA CASHMIRENSIS.

Zygæna cashmirensis, Kollar, Kashmir, Von Hügel, iv, p. 459, pl. 19, fig. 6, (1848).
———— Walker, Cat. Lep. Het. B. M. i, p. 102, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, (1859).

I. M., Mussooree (Templeton).
Collection Swinhoe, Simla, Kasauli, Murree.
Also recorded from Kashmir, Nepal.

Genus **Procris.**

214. PROCRIS STIPATA.

Procris stipata, Walker, Cat. Lep. Het. B. M. i., p. 114, (1854).
———— Butler, Ill. Typ. Lep. Het. B. M. i., p. 13, pl. 7, fig. 9, (1877).

N. India.

Genus **Northia.**

215. NORTHIA KHASIANA.

Northia khasiana, Moore, Descr. Ind. Lep. Atk. i. p. 12, (1879).

Khasi Hills.

Genus **Tasema.**

216. TASEMA BIPARS.

Tasema bipars, Walker, Cat. Lep. Het. B. M. vii, p. 1597, (1856).

India.

Genus **Procotes.**

217. PROCOTES DIMINUTA.

Euchromia diminuta, Walker, Cat. Lep. Het. B. M. i, p. 230, (1854).
Syntomis diminuta, Walker, *loc cit.* vii, p. 1592, (1856).
Procotes diminuta, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.
———— Moore, Lep. Ceyl. ii, p. 37, pl. 95, fig. 3, (1882).

Ceylon.

Genus **Syntomis.**

218. SYNTOMIS ALBIFRONS.

Syntomis albifrons, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 6.
Tenasserim.

219. SYNTOMIS ANDERSONI.

Syntomis andersoni, Moore, Proc. Zool. Soc. Lond. 1871, p. 244, pl. 18, fig. 1.
——— Anderson's Researches, p. 926, pl. 81, fig. 4, (1878).
Yunan.

220. SYNTOMIS APERIENS.

Syntomis aperiens, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1864).
S. India.

221. SYNTOMIS ARTINA.

Syntomis artina, Butler, Journ. Linn. Soc. Lond. 1876, p. 347.
——— Moore, Lep. Ceyl. ii, p. 35, pl. 94, fig. 4, (1882).
Collection Swinhoe, Ceylon.
Also recorded from Calcutta.

222. SYNTOMIS ATEREUS.

Sphinx atereus, Cramer, Pap. Exot. iv, p. 240, pl. 400, fig. A, (1779).
Syntomis aterea, Hübner, Verz. Bek. Schmett., p. 122, (1816).
Syntomis atereus, Walker, Cat. Lep. Het. B. M. i, p. 128, (1854).
Collection Swinhoe, Umballa.
Also recorded from Madras, China.

223. SYNTOMIS ATKINSONI.

Syntomis atkinsoni, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 2.
——— Butler, Journ. Linn. Soc. Lond. 1876, p. 347.
——— Moore, Anderson's Researches, p. 927, pl. 81, fig. 5, (1878).
——— Proc. Zool. Soc. Lond. 1878, p. 845.
I. M. Mergui (Anderson), Cachar (Wood-Mason).
Also recorded from Yunan, Moulmein, Tenasserim.

224. SYNTOMIS AUSTENI.

Syntomis austeni, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.
N.-E. Bengal.

225. SYNTOMIS BERINDA.

Syntomis berinda, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 8.
I. M., Sibsagar (Peal), Cachar.
Also recorded from Tenasserim.

226. Syntomis bicincta.

Syntomis bicincta, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 8, (1848.)
———— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).

I. M., Sikkim (Barnes), N. Khasi, Kulu (purchased).
Collection Swinhoe, Simla, Sikkim.

227. Syntomis cerbera.

Sphinx cerbera, Linn., Mus. Lud. Ulr., p. 363, (1764).
———— Syst. Nat. I, 2, p. 806, (1767).
———— Cram., Pap. Exot. i, p. 13, pl. 83, fig. F (1775).
Zygæna cerbera, Fabr., Sp. Ins. ii, p. 160, (1781).
———— Mant. Ins. ii, p. 103, (1787).
———— Ent. Syst. iii, I, p. 391, (1793).
———— Sulz. Abgek. Gesch., pl. 23, fig. 110, (1776).*
Sphinx (Zygæna) cerbera, Gmel., Ed. Syst. Nat. i, 5, p. 2393.*
Cænochromia cerbera, Hübner, Verz. Bek. Schmett. p. 121, (1816).
Syntomis cerbera, Boisd., Mon. Zyg. p. 118, pl. 7, fig. 6, (1829).*
———— Westw., Ed. Drury, i, pl. 26, fig. 2, (1837).*
———— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Africa, Bengal.

228. Syntomis cherra.

Syntomis cherra, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879).

Cherrapunji.

229. Syntomis cupreipennis.

Syntomis cupreipennis, Butler, Journ. Linn. Soc. Lond. (1876), p. 347.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Sibsagar.
Collection Swinhoe, Sikkim, Poona.
Also recorded from Calcutta.

230. Syntomis cyssea.

Sphinx cysseus, Cramer, Pap. Exot. iv, p. 124, pl. 355, fig. B, (1782).
Zygæna collaris, Fabr., Ent. Syst. iii, i, p. 388, (1793).
Syntomis collaris, Hübner, Verz. Bek. Schmett., p. 121, (1816).
Syntomis cyssea, Boisd., Mon. Zyg. 1143, pl. 7, fig. 2, (1829).*
———— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 155.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.
Syntomis schœnerrhi, Boisd., Mon. Zyg., p. 112, pl. 7, fig. 1, (1829).*
———— Walker, Cat. Lep. Het. B. M. i, p. 120, (1854).
———— *loc. cit.* vii, p. 1592, (1856).
Syntomis cuprea, Prittwitz, Stett. Ent. Zeit. 1867, p. 277.
———— Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

I. M., Calcutta (de Niceville), Karachi (Swinhoe), Naga Hills.
Collection Swinhoe, Mhow, Bombay, Karachi.
Also recorded from Coromandel, Ceylon, Nepal.

231. Syntomis cysseoides.

Syntomis cysseoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 346.
——————— Moore, Lep. Ceyl. ii, p. 35, pl. 95, fig. 1, (1882).

Collection Swinhoe, North Canara.
Also recorded from Nilgiri Hills, Ceylon.

232. Syntomis diaphana.

Syntomis diaphana, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 7, (1848).
——————— Walker, Cat. Lep. Het. B. M. i., p. 126, (1854).

I. M., Sibsagar (Peal).
Also recorded from Mussooree.

233. Syntomis diptera.

Zygæna diptera, Fabr., Sp. Ins. ii, p. 165, (1781).
——————— Mant. Ins. ii, p. 106, (1787).
——————— Ent. Syst. iii, I, p. 403, (1793).
Syntomis diptera, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854).

E. Indies.

234. Syntomis discinota.

Syntomis discinota, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879).

Khasi Hills.

235. Syntomis disrupta.

Syntomis disrupta, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 5.

Tenasserim.

236. Syntomis divisa.

Syntomis divisa, Walker, Cat. Lep. Het. B. M. 1, p. 131, (1854).
——————— Butler, Ill. Typ. Lep. Het. i, p. 16, pl. 6, fig. 14, (1877).

I. M., Khasi Hills.
Collection Swinhoe, Sikhim.
Also recorded from Sylhet.

237. Syntomis extensa.

Syntomis extensa, Walker, Cat. Lep. Het. B. M. xxxv, p. 1863, (1866).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

Collection Swinhoe, Matheran, Mahableshwar.

238. Syntomis fervida.

Syntomis fervida, Walker, Cat. Lep. Het. B. M. i, p. 131, (1854).
——————— Butler, Ill. Typ. Lep. Het. B. M. i, p. 18, pl. 6, fig. 16, (1877).

Moulmein, E. Indies.
I. M., a specimen with no history.

239. Syntomis fytchei.

Syntomis fytchei, Moore, Proc. Zool. Soc. Lond. 1871, p. 246, pl. 18, fig. 3.
——————— Anderson's Researches, p. 928, pl. 81, fig. 6, (1878).

Yunan.

240. Syntomis georgina.

Syntomis georgina, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
——————— Moore, Lep. Ceyl. ii, p. 34, pl. 95, fig. 2, (1882).

I. M., Ceylon (Colombo Museum).
Also recorded from S. India.

241. Syntomis godartii.

Syntomis godartii, Boisd., Mon. Zyg. 115, pl. 7, fig. 3, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Bengal, Coromandel, Molucca Is.

242. Syntomis grotei.

Syntomis grotei, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 4.
——————— Anderson's Researches, p. 928, pl. 81, fig. 7, (1878).
——————— Proc. Zool. Soc. Lond. 1878, p. 844.

Yunan, Tenasserim.

243 Syntomis hyalina.

Syntomis hyalina, Moore, Descr. Ind. Lep. Atk. 1, p. 13, (1879).

Darjiling.

244. Syntomis hydatina.

Syntomis hydatina, Butler, Journ. Linn. Soc. Lond. 1876, p. 346.

Calcutta.

245. Syntomis imaon.

Sphinx adscita imaon, Cramer, Pap. Exot. iii, p. 94, pl. 248, fig. E, (1779).
Syntomis imaon, Hübner, Verz Bek. Schmett., p. 122, (1816).
——————— Boisd., Mon. Zyg. p. 114, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 127, (1854).

I. M., Sibsagar.
Also recorded from Ceylon, Sylhet, Hongkong, Surinam.

246. Syntomis khasiana.

Syntomis khasiana, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

Khasi Hills.

247. Syntomis latreillii.

Syntomis latreillii, Boisd., Mon. Zyg., p. 117, pl. 7, fig. 5, (1829).*
——————— Chenu, Enc. d'Hist. Nat. Pap. p. 246, fig. 426.*
——————— Walker, Cat. Lep. B. M. I, p. 121, (1854).
——————— Butler, Journ. Linn. Soc. Lond. 1876, p. 343.

Java, Amboina, China, S. India.

248. Syntomis lepcha.

Syntomis lepcha, Moore, Descr. Ind. Lep. Atk. I, p. 12, (1879).
Darjiling.

249. Syntomis libera.

Syntomis libera, Walker, Cat. Lep. Het. B. M. xxxi, p. 78, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1878, p. 845.
Upper Tenasserim.

250. Syntomis lucina.

Syntomis lucina, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
Nepal, Calcutta.

251. Syntomis masoni.

Syntomis masoni, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 4.
Tenasserim.

252. Syntomis melas.

Syntomis melas, Walker, Cat. Lep. Het. B. M. i, p. 133, (1854).
———— Butler, Ill. Typ. Lep. Het. B. M., i, p. 17, pl. 6, fig. 10, (1877).
I. M., Dunsiri, Shillong, N. Khasi, Sibsagar.
Collection Swinhoe, Simla.
Also recorded from Nepal.

253. Syntomis montana.

Syntomis montana, Butler, Journ. Linn. Soc. Lond. 1876, p. 349.
———— Moore, Lep. Ceyl. II, p. 36, pl. 94, fig. 5, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.
I. M., Poona (Murray), Karachi.
Collection Swinhoe, Poona.
Also recorded from Ceylon, Bombay.

254. Syntomis newara.

Syntomis newara, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879).
Darjiling.

255. Syntomis ochsenheimeri.

Syntomis ochsenheimeri, Boisd., Mon. Zyg., p. 116, pl. 7, fig. 4, (1829).*
———— Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).
Bengal, Java, Africa.

256. Syntomis œnone.

Syntomis œnone, Butler, Journ. Linn. Soc. Lond. 1876, p. 344.
Syntomis diaphana, var. Walker, Cat. Lep. Het. B. M. i, p. 126, (1854).
Mussooree.

257. Syntomis passalis.

Zygæna passalis, Fabr., Sp. Ins. ii, p. 159, (1781).
——————— Mant. Ins. ii, p. 102, (1787).
——————— Ent. Syst. iii, p. 391, (1793).
Sphinx creusa, Cramer, Pap. Exot. ii, p. 94, pl. 248, fig. F, (1779).
Syntomis creusa, Boisd., Mon. Zyg., p. 121, pl. 7, fig. I, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 123, (1854).
Syntomis passalis, Boisd., Mon. Zyg., p. 120, (1829).*
——————— Walker, Cat. Lep. Het. B. M. i, p. 123, (1854).
——————— Moore, Lep. Ceyl. ii, p. 35, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Sibsagar (Peal), Calcutta, Bangalore (Nevill). Collection Swinhoe, Poona, Calcutta.
Also recorded from Coromandel, Ceylon.

258. Syntomis pectoralis.

Syntomis pectoralis, Walker, Cat. Lep. Het. B. M. i, p. 133, (1854).

E. Indies.

259. Syntomis sargania.

Syntomis sargania, Butler, Trans. Ent. Soc. Lond. 1879, p. 4.

Cachar.

260. Syntomis siamica.

Syntomis siamica, Walker, Cat. Lep. Het. B. M. xxxi, p. 70, (1864).

Siam.

261. Syntomis sladeni.

Syntomis sladeni, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18, fig. 5.
——————— Anderson's Researches, p. 927, pl. 81, fig. 8, (1878).
——————— Proc. Zool. Soc. Lond. 1878, p. 844.

Yunan, Tenasserim.

262. Syntomis submarginalis.

Syntomis submarginalis, Walker, Char. Undescr. Lep. Het. p. 89, (1869).

Benares.

Genus **Callitomis.**

263. Callitomis leucosoma.

Callitomis leucosoma, Butler, Journ. Linn. Soc. Lond. 1876, p. 351.

Kashmir.

264. Callitomis syntomoides.

Callitomis syntomoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 351.

Kashmir.

Genus **Psichotöe.**

265. PSICHOTÖE DUVAUCELII.

Psichotöe duvaucelii, Boisd., Mon. Zyg., p. 129, pl. 8, fig. 5, (1829).*
———————Walker, Cat. Lep. Het. B. M. vii, p. 1597, (1856).
———————Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

I. M., Calcutta, Karachi (Murray).
Collection Swinhoe, Calcutta, Jerruk (Sind).

266. PSICHOTÖE INCIPIENS.

Syntomis incipiens, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1864).
Psichotöe incipiens, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

S. India.

Genus **Hydrusa.**

267. HYDRUSA FUSIFORMIS.

Syntomis fusiformis, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856).
Hydrusa fusiformis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

India.

268. HYDRUSA MULTIGUTTA.

Syntomis multigutta, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854).
Hydrusa multigutta, Butler, Ill. Typ. Lep. Het. i, p. 19, pl. 7, fig. 3, (1877).

Collection Swinhoe, Sikkim.
Also recorded from Nepal.

269. HYDRUSA TENUIFORMIS.

Syntomis tenuiformis, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856).
Hydrusa tenuiformis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

India.

270. HYDRUSA VITREA.

Syntomis vitrea, Walker, Cat. Lep. Het. B. M. vii, p. 1594, (1856).
Hydrusa vitrea, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

Sylhet.

Genus **Trianura.**

271. TRIANURA MOOREI.

Trianura moorei, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

Bombay.

Genus **Eressa.**

272. ERESSA AFFINIS.

Eressa affinis, Moore, Proc. Zool. Soc. Lond. 1877, p. 596, pl. 59, fig. 3.

I. M., Andaman Is. (purchased).
Collection Swinhoe, Travancore, S. Andamans.
Also recorded from Calcutta, Khasi Hills.

273. Eressa confinis.

Glaucopis confinis, Walker, Cat. Lep. Het. B. M. i, p. 149, (1854).
Syntomis confinis, Walker, *loc. cit.* vii, p. 1592, (1856).
Hydrusa confinis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
Eressa confinis, Moore, Lep. Ceyl. ii, p. 36, pl. 95, fig. 6, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., Kulu (purchased).
Collection Swinhoe, Mhow, N.-W. Himalayas.
Also recorded from Ceylon.

274. Eressa musa.

Eressa musa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290, pl. 20, fig. 1.

Bombay.
Allied to *E. confinis*.

275. Eressa subaurata.

Glaucopis subaurata, Walker, Cat. Lep. Het. B. M. i, p. 149 (1854).
Syntomis subaurata, Walker, Cat. Lep. Het. B. M. vii, p. 1593, (1856).
Trianura subaurata, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.
Eressa subaurata, Moore, Lep. Ceyl. ii, p. 36, pl. 95, fig. 4, (1882).

I. M., Calcutta, N. Khasi Hills.
Also recorded from Ceylon.
Allied to *E. confinis*.

Genus **Dysauxes.**

276. Dysauxes indica.

Dysauxes indica, Moore, Proc. Zool. Soc. Lond. 1879, p. 390.
————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 291.

Collection Swinhoe, Bombay.

Genus **Debos.**

277. Debos iratus.

Debos iratus, Swinhoe, Proc. Zool. Soc. Lond, 1885, p. 291, pl. 20, fig. 7.

Deccan.

Genus **Notioptera.**

278. Notioptera dolosa.

Syntomis dolosa, Walker, Cat. Lep. Het. B. M. L. vii, p. 1594, (1856).
Notioptera dolosa, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.
———— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 11, (1881).

N. India.

279. Notioptera glaucopoides.

Syntomis glaucopoides, Walker, Cat. Lep. Het. B. M. xxxi, p. 69, (1864).
Notioptera glaucopoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

S. India.

Genus **Thyrassia.**

280. THYRASSIA SUBCAUDATA.

Syntomis subcaudata, Walker, Cat. Lep. Het. B. M. i, p. 132, (1854).
Thyrassia subcaudata, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.
———— Ill. Typ. Lep. Het. i, p. 19, pl. 7, fig. 5, (1877).

Collection Swinhoe, Bombay.
Also recorded from N. India.

Genus **Euchromia.**

281. EUCHROMIA AMŒNA.

Phalanna amœna, Möschler, Stett. Ent. Zeit. 1872, p. 350.

Sylhet.

282. EUCHROMIA AURATA.

Sphinx aurata, Cramer, Pap. Exot. pl. 264, fig. A, (1779).
Pompostola auratus, Hübner, Verz. Bek. Schmett. p. 120, (1816).
Euchromia (Diospage) aurata, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).

Coromandel.

283. EUCHROMIA CRËUSA.

Sphinx crëusa, Linn., Syst. Nat. ii, 806, 39, (1767).
————Clerck, Icon, pl. 46, fig. 34.
Sphinx irus, Cramer, Pap. Exot. iv, pl. 368, fig. A, (1781).
Cœnochromia crëusa, Hübn., Verz. Bek. Schmett., p. 121, (1816).
Euchromia crëusa, Moore, Lep. Ceyl. ii, p. 35, note, (1882).

Bengal, Coromandel.

284. EUCHROMIA FLAMMANS.

Euchromia (Phauda) flammans, Walker, Cat. Lep. Het. B. M. i, p. 257, (1854).
Phauda flammans, Butler, Ill. Typ. Lep. Het. i, p. 20, pl. 9, fig. 2, (1877).

N. India.
I. M., a specimen with no history.

285. EUCHROMIA LAURA.

Euchromia laura, Butler, Journ. Linn. Soc. Lond. 1876, p. 364.

E. Indies.

286. EUCHROMIA ORIENTALIS.

Euchromia orientalis, Butler, Journ. Linn. Soc. Lond. 1876, p. 364.

Collection Swinhoe, Rangoon.
Also recorded from N. India.

287. Euchromia polymena.

Sphinx polymena, Linn., Syst. Nat. ii, p. 806, (1767).
——— Cramer, Pap. Exot., pl. 13, fig. D, (1775).
Zygæna polymena, Fabr., Sp. Ins. ii, p. 162, (1781).
——— Mant. Ins. ii, p. 104, (1787).
——— Ent. Syst. iii, 1, 396, 34, (1793).
Euchromia polymena, Hübn., Verz. Bek. Schmett., p. 121, (1816).
——— Walker, Cat. Lep. Het. B. M. i, p. 219, (1854).
——— Butler, Journ. Linn. Soc. Lond. 1876, p. 364.
——— Moore, Proc. Zool. Soc. Lond. 1877, p. 596.
——— Lep. Ceyl. ii, p. 39, pl. 94, figs. 6, 6*a*, (1882).
——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514.
Glaucopis polymena, Westw., Ed. Drury i, p. 50, pl. 26, fig. 1, (1837).*

I. M., Cachar (Wood-Mason), Sylhet, Sibsagar (Peal), Calcutta (Cotes), Sinkip Is. (a variety).
Collection Swinhoe, Calicut, Bombay, Belgaum, Karachi, Ceylon.
Also recorded from China, Penang, Celebes, Andaman Is.

288. Euchromia rhebus.

Sphinx (*adscita*) *rhebus*, Cramer, Pap. Exot., pl. 234, fig. F., (1779).
Pompostola rhebus, Hübner, Verz. Bek. Schmett., p. 120, (1816).
Euchromia (*Diospage*) *rhebus*, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).

E. Indies, Africa.

289. Euchromia siamensis.

Euchromia siamensis, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.

Siam.

290. Euchromia thelebas.

Sphinx thelebas, Cramer, Pap. Exot., pl. 150, fig. D, (1777).
Euchromia thelebe, Hübn., Verz. Bek. Schmett., p. 121, (1816).
Euchromia (*Hippola*) *thelebas*, Walker, Cat. Lep. Het. B. M. i, p. 225, (1854).
Euchromia thelebas, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.

Bengal.

Genus **Callizygæna.**

291. Callizygæna nivimacula.

Callizygæna nivimacula, Felder, Reise der Novara, pl. 83, fig. 4, (1864-75).
——— Moore, Lep. Ceyl. ii, p. 38, pl. 95, fig. 5, (1882).

Ceylon.

Genus **Artona.**

292. Artona confusa.

Artona confusa, Butler, Journ. Linn. Soc. Lond. 1876, p. 357.
——— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 10, (1881).
Syntomis hübneri (part), Walker (*nec* Boisd.), Cat. Lep. Het. B. M. i., p. 125, (1854).

I. M., Sibsagar (Peal).
Collection Swinhoe, Mandi (Elwes).

293. ARTONA DISCIVITTA.

Artona discivitta, Walker, Cat. Lep. Het. B. M. ii, p. 440, (1854).
———— Butler, Journ. Linn. Soc. Lond. 1876, p. 356.
———— Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 8, (1881).

N. India, S. India, Almora.

294. ARTONA FULIGINOSA.

Artona fuliginosa, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879).

Darjiling.

295. ARTONA FULVIDA.

Artona fulvida, Butler, Journ. Linn. Soc. Lond. 1876, p. 356.

Moulmein.

296. ARTONA HÜBNERI.

Syntomis hübneri, Boisd., Mon. Zyg., p. 127, pl. 8, fig. 4, (1829).*
————(Part), Walker, Cat. Lep. Het. B. M. i, p. 125, (1854).
Artona hübneri, Butler, Journ. Linn. Soc. xii, 1876, p. 344.

Himalaya, Java, Amboina.

297. ARTONA POSTVITTA.

Artona postvitta, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879).

Darjiling.

298. ARTONA QUADRIMACULATA.

Artona quadrimaculata, Moore, Proc. Zool. Soc. Lond. (1879), p. 390.

Mussooree.

299. ARTONA ZEBRAICA.

Artona zebraica, Butler, Journ. Linn. Soc. Lond. 1876, p. 356.
———— Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 9, (1881.

I. M., Kulu (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Almora, Mussooree.

Genus **Rhaphidognatha.**

300. RHAPHIDOGNATHA NIGRESCENS.

Artona nigrescens, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Kulu (purchased), Mandi.
Collection Swinhoe, Mandi (Elwes).

Genus **Tascia.**

301. TASCIA CUPREA.

Syntomis cuprea, Walker, Cat. Lep. Het. B. M. vii, p. 1596, (1856).
Tascia cuprea, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Sikkim (purchased), Kulu (purchased).
Collection Swinhoe, Simla.

302. TASCIA QUADRICOLOR.

Syntomis quadricolor, Walker, Cat. Lep. Het. B. M., vii, p. 1596, (1856).
Tascia quadricolor, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

India.

Genus **Phacusa.**

303. PHACUSA TENEBROSA.

Glaucopis tenebrosa, Walker, Cat. Lep. Het. B M. i, p. 150, (1854).
Syntomis tenebrosa, Walker, *loc. cit.*, vii, p. 1592, (1856).
Phacusa tenebrosa, Butler, Journ. Linn. Soc. Lond. 1876, p. 359.
——————— Ill. Typ. Lep. Het. i, p. 20, pl. 12, fig. 1, (1877).

I. M., Sibsagar (Peal).

304. PHACUSA THORACICA.

Phacusa thoracica, Moore, Ann. Mag. Nat. Hist. ser. 4, xx, p. 343 (1877).
——————— Lep. Ceyl. ii, p. 38, pl. 95, fig. 7, (1882).

Ceylon.

Genus **Trypanophora.**

305. TRYPANOPHORA ATKINSONI.

Trypanophora atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

Darjiling.

306. TRYPANOPHORA SEMIHYALINA.

Trypanophora semihyalina, Kollar, Kaschmir, Von Hügel, iv, p. 457, pl. 19, figs. 1—4, (1848).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 322, pl. 14, fig. 6, (1859).
——————— Butler, Journ. Linn. Soc. Lond. 1876, p. 344.
——————— Walker, Cat. Lep. Het. B. M. ii, p. 434, (1854).
——————— *loc. cit.* xxxi, p. 126, (1864).
Syntomis humeralis, Walker, Cat. Lep. Het. B. M. vii, p. 1593, (1856).
Trypanophora humeralis, Moore, *loc. cit.* lv, 2, p. 972, (1886).

I. M., Calcutta (deNiceville), Sikkim, Tavoy (Moti Ram), Cachar (Wood-Mason).
Collection Swinhoe, Kashmir, Sikkim.

307. Trypanophora taprobanes.

Trypanophora taprobanes, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).
———————— Moore, Lep. Ceyl. ii, p. 40, pl. 95, figs. 8, 8*a*, (1882).

Ceylon.

Family AGARISTIDÆ.

Genus **Eusemia.**

308. Eusemia adulatrix.

Eusemia adulatrix, Kollar, Kaschmir, Von Hügel, iv, p. 464, pl. 20, fig. 1, (1848).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).
———————— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

Sikkim, Nepal.

309. Eusemia afflicta.

Eusemia afflicta, Butler, Ent. Monthly Mag. xii, p. 118, (1875).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
———————— Proc. Zool. Soc. Lond. 1886, p. 436.

Collection Swinhoe, Poona, Mhow.
Also recorded from Bombay.

310. Eusemia albomarginata.

Eusemia albomarginata, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.
———————— Butler, Ent. Monthly Mag. xii, p. 124, (1875).

Burma.

311. Eusemia amatrix.

Eusemia amatrix, Westw., Cab. Or. Ent., p. 68, pl. 33, fig. 4, (1848).
———————— Walker, Cat. Lep. Het. B. M. i, p. 49, (1854).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 676.
———————— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).

Assam, Java.

312. Eusemia aruna.

Eusemia aruna, Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).
———————— Proc. Zool. Soc. Lond. 1867, p. 676.
———————— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).
———————— Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 6, (1881).

Collection Swinhoe, Sikkim.

313. Eusemia austeni.

Eusemia austeni, Moore, Descr. Ind. Lep. Atk. i, p. 11, (1879).

Khasi Hills.

314. Eusemia basalis.

Eusemia basalis, Walker, Cat. Lep. Het. B. M. i, p. 53, (1854).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 676.
——————— Butler, Ent. Monthly Mag. xii, p. 122, (1875).
——————— Ill. Typ. Lep. Het. i, p. 9, pl. 5, fig. 2, (1877).

I. M., Sibsagar (Peal).
Also recorded from Bengal.

315. Eusemia bellatrix.

Eusemia bellatrix, Westw., Cab. Or. Ent., p. 67, pl. 33, fig. 2, (1848).
——————— Walker, Cat. Lep. Het. B. M. i, p. 46, (1854).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288,, (1859).
——————— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

I. M., Cachar (Wood-Mason), Yunan, Simla, Sibsagar (Peal), Naga Hills, Nepal, Cherra, Sikkim (Elwes and Barnes), Buxa (Moti Ram), Mussooree (Templeton.)
Collection Swinhoe, Sikkim, Pegu, Bhotan, Sibsagar, Cachar.
All recorded from Moulmein, Ceylon, Nepal.

316. Eusemia communicans.

Eusemia communicans, Walker, Cat. Lep. Het., B. M. xxxi, p. 50, (1864).
——————— Butler, Ent. Monthly Mag. xii, p. 119, (1875).

Penang.

317. Eusemia communis.

Eusemia communis, Butler, Ann. Mag. N. H. 4, xv, p. 140, pl. 13, fig. 1, (1875).
——————— Ent. Monthly Mag. Lond. xii, p. 119, (1875).
——————— Moore, Journ. As. Soc. Beng. liii, 2, p. 234, (1884).

I. M., Cachar (Wood-Mason), Sibsagar, Sylhet, Naga.
Collection Swinhoe, Sylhet.

318. Eusemia contracta.

Eusemia contracta, Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

Collection Swinhoe, Belgaum, Nilgiri Hills.

319. Eusemia dentatrix.

Eusemia dentatrix, Westw. Cab. Or. Ent. p. 68, p. 33, fig. 5, (1848).
——————— Walker, Cat. Lep. Het., B. M. i, p. 46, (1854).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).
——————— Butler, Ent. Monthly Mag. xii, p. 119, (1875).

I. M., Sikkim (purchased), Sibsagar (Peal), Sylhet.
Collection Swinhoe, Sikkim.
Also recorded from Nepal, Bhotan, Ceylon.

320. Eusemia distincta.

Eusemia distincta, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
———————— Ent. Monthly Mag. Lond. xii, p. 118, (1875).
———————— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 3, (1881).

Sylhet.

321. Eusemia dives.

Eusemia dives, Boisduval, Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 4, (1881).

Darjiling.
Allied to *E. maculatrix*.

322. Eusemia funebris.

Eusemia funebris, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.
———————— Waterhouse, Aid. ii, pl. 127, fig. 4, (1883)*.
Agarista funebris, Butler, Ent. Monthly Mag. Lond. xii, p. 124, (1875).

Darjiling.

323. Eusemia irenea.

Eusemia irenea, Boisduval, Revue et Mag. de Zool. 1874, p. 84.
———————— Butler, Ent. Monthly Mag. Lond. xii, p. 119, (1875).

Khasi Hills, Sumatra.

324. Eusemia maculatrix.

Eusemia maculatrix, Westw., Nat. Libr. Exot. Moths, p. 88, pl. 2, fig. 3.*
———————— Cab. Or. Ent., p. 67, pl. 33, fig. 1, (1848).
———————— Walker, Cat. Lep. Het. B. M. i, p. 47, (1854).
———————— *loc. cit.*, vii, p. 1773, (1856).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).
———————— Proc. Zool. Soc. Lond. 1865, p. 795.
———————— Butler, Ent. Monthly Mag. xii, p. 118, (1875).
Eusemia fasciatrix, Westw., Cab., Or. Ent., p. 67, (1848).
Heraclia vetula (var.) Geyer, Zeitr. Samml. Exot. Schmett. 17, p. 329, figs. 657 and 658, (1832).*

I. M., Sikkim (Barnes), Sibsagar, Naga, Cherrapunji, Buxa (Moti Ram).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet, Nepal, Java.

325. Eusemia nigripennis.

Eusemia nigripennis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
———————— Ent. Monthly Mag. Lond. xii, p. 117, (1875).
Episteme nigripennis, Moore, Lep. Ceyl. ii, p. 34, pl. 94, fig. 3, (1882).

Collection Swinhoe, Ceylon.

326. Eusemia nipalensis.

Eusemia nipalensis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
———————— Ent. Monthly Mag. Lond. xii, p. 118, (1875).

Nepal.

327. Eusemia orientalis.

Eusemia orientalis, Butler, Ann. Mag. N. H. ser. 4, xv, p. 139, (1875).
——————— Ent. Monthly Mag. Lond. xii, p. 117, (1875).
——————— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 2, (1881).

Mussooree.
Allied to *E. victrix*.

328. Eusemia peshwa.

Eusemia peshwa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 289, pl. 7*a*, fig. 2, (1859).
——————— Butler, Ent. Monthly Mag. Lond. xii, p. 121, (1875).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Ceylon.

329. Eusemia proxima.

Eusemia proxima Walker, Cat. Lep. Het. B. M. i, p. 50, (1854).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 676.
——————— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).
——————— Ill. Typ. Lep. Het. i, p. 10, pl. 4, fig. 9, (1877).

Assam.

330. Eusemia pulchra.

Eusemia pulchra, Butler, Ann. Mag. N. H., ser. 4, xv, p. 143, pl. 13, fig. 4, (1875).
——————— Ent. Monthly Mag. Lond. xii, p. 122, (1875).

Meerut.

331. Eusemia sectinotis.

Eusemia sectinotis, Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).
——————— Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 5, (1881).

I. M., Ratnagiri (Hatch). No locality (Karachi Museum).
Collection Swinhoe, Calicut.
Allied to *E. adulatrix*.

332. Eusemia silhetensis.

Eusemia silhetensis, Butler, Ann. Mag. N. H., ser. 4, xv, p. 139, (1875).
——————— Ent. Monthly Mag. Lond. xii, p. 116, (1875).
——————— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 1, (1881).

Sylhet.
Allied to *E. victrix*.

333. Eusemia simplex.

Eusemia simplex, Butler, Ent. Monthly Mag. Lond. xii, p. 118, (1875).

Kanara.

334. Eusemia tyrianthina.

Eusemia tyrianthina, Butler, Ent. Monthly Mag. xii, p. 116, (1875).

N. India.

335. Eusemia vetula.

Eusemia vetula, Hübn., Zutr., fig. 657.*
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 677.

Assam, Java.

336. Eusemia victrix.

Eusemia victrix, Westw., Cab. Or. Ent., p. 67, pl. 33, fig. 3, (1848).
———— Walker, Cat. Lep. Het. B. M. i, p. 52, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).
———— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

I. M., N. Khasi Hills, Cachar (Wood-Mason), Sibsagar, Naga, Yunan, Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Nepal, Sylhet, Bhotan, Cherrapunji.

337. Eusemia vulcania.

Eusemia vulcania, Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).

Burma.

Genus **Seudyra.**

338. Seudyra catocalina.

Phægorista catocalina, Walker, Cat. Lep. Het. B. M. xxxv, p. 1859, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
Seudyra catocalina, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 82, fig. 9, (1881).

I. M., Darjiling (purchased).
Collection Swinhoe, Darjiling.

339. Seudyra longipennis.

Catocala longipennis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 934, (1865).
Seudyra longipennis, Butler, Ill. Typ. Lep. Het. v, p. 19, pl. 82, fig. 8, (1881).

I. M., Sikkim.
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

340. Seudyra transiens.

Eusemia transiens, Walker, Cat. Lep. Het. B. M. vii, p. 1588, (1856).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, pl. xiii, figs. 5, 5*a*, (1859).

SEUDYRA TRANSIENS—*continued.*

Eusemia ægoceroides, Boisd., Revue et Mag. Zool. 1874, p. 106.
Agarista ægoceroides, Felder, Reise Novara, pl. 107, fig. 10, (1864—75).
Seudyra transiens, Stretch. Cist. Ent. ii, p. 19, (1875).

I. M., N. Khasi Hills, Sibsagar, Sikkim (Barnes).
Collection Swinhoe, Simla, Sikkim.
Also recorded from Sumatra, Java.

341. SEUDYRA VENOSA.

Seudyra venosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.
———— Waterhouse, Aid. ii, pl. 131, fig. 5, (1883).*

Darjiling.

Genus **Nikæa.**

342. NIKÆA LONGIPENNIS.

Hypercompa longipennis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
Nikæa longipennis, Moore, Descr. Ind. Lep. Atk. i, p. 11, (1879).
———— Butler, Ill. Typ. Lep. Het. v., p. 18, pl. 82, fig. 7, (1881).

Collection Swinhoe, N. India.
Also recorded from Sylhet, Darjiling, Kumaon.

Genus **Phægorista.**

343. PHÆGORISTA BALA.

Phægorista bala Moore, Proc. Zool. Soc. Lond. 1865, p. 795.
———— Walker, Cat. Lep. Het. xxxv, p. 1859, (1866).

Collection Swinhoe, Darjiling.

Genus **Vithora.**

344. VITHORA INDRASANA.

Vithora indrasana, Moore, Proc. Zool. Soc. Lond. 1865, p. 759, pl. 42, fig. 5.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1861, (1866).
Cistidia indrasana, Snellen, Tijd. Ent. xxi, p. 115, (1878).

Bengal.

Genus **Ægocera.**

345. ÆGOCERA BIMACULA.

Ægocera bimacula, Walker, Cat. Lep. Het. B. M. i, p. 57, (1854).
———— Moore, Cat. Lep. Mus. E. I. C ii, p. 286, (1859).
———— Boisd., Rev. et Mag. Zool. 1874, p. 54.
———— Butler, Ill. Typ. Lep. Het. i, p. 11, pl. 5, fig. 4, (1877).
———— Moore, Lep. Ceyl. ii, p. 33, pl. 94, fig. 2, (1882).

I. M., a specimen with no history.
Collection Swinhoe, Sikkim.
Also recorded from Kanara, Ceylon.

346. ÆGOCERA FIMBRIA.

Ægocera fimbria, Möschler, Stettin, Ent. Zeit. 1872, p. 354.
Sylhet.

347. ÆGOCERA TRIPARTITA.

Ægocera tripartita, Kirby, Proc. Roy. Dublin Soc. (2), ii, p. 340, (1880).
———— Waterhouse, Aid. i, pl. 39, (1881).

Burma.

348. ÆGOCERA VENULIA.

Phalæna venulia, Cramer, Pap. Exot. ii, pl. 165, fig. D, (1777).
Ægocera venulia, Latr., Gen. Crust. et Ins. iv, p 212, (1809).
———— Boisd., Mon. Zyg. p. 13, pl. 1, fig. 3, (1829).*
———— Chenu, Ent. d'Hist. Nat. Pap., p. 236, fig. 404.*
———— Croch., Ed. Regn. Anim. Atlas, Ins. pl. 148, fig. 1.*
———— Walker, Cat. Lep. Het. B. M, i, p. 55, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 286, (1859).
———— Lep. Ceyl. ii, p. 32, pl. 94, fig. 1, (1882).
Erastria venulia, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

I. M., Calcutta (Anderson).
Collection Swinhoe, Nilgiri Hills, Poona, Karachi.
Also recorded from Nepal,

FAMILY CHALCOSIIDÆ.

Genus **Canerkes.**

349. CANERKES EUSCHEMOIDES.

Canerkes euschemoides, Moore, Proc. Zool. Soc. Lond. 1865, p. 802, pl. 42, fig. 8.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Sylhet.

Genus **Dioptis.**

350. DIOPTIS PERDICA.

Phalæna perdica, Cramer, Pap. Exot. ii, pl. 178, fig. E, (1777).
Dioptis perdica, Hübn., Verz. Bek. Schmett., p. 174, (1816).
———— Walker, Cat. Lep. Het. B. M. ii, p. 337, (1854).

Bengal.

Genus **Epicopeia.**

351. EPICOPEIA CAUDATA.

Epicopeia caudata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 47, pl. 88, fig 8, (1881).

Bhotan.

352. Epicopeia diphilæa.

Epicopeia diphilæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 800.
Epicopeia diphilea (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Collection Swinhoe, Sikkim.

353. Epicopeia excisa.

Epicopeia excisa, Butler, Ill. Typ. Lep. Het. v, p. 46, pl. 88, fig. 5, (1881).

N.-E. Punjab.

354. Epicopeia lidderdalii.

Epicopeia lidderdalii, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88, fig. 6, (1881).

Bhotan.

355. Epicopeia maculata.

Epicopeia maculata, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88. fig. 7, (1881).

Bhotan.

356. Epicopeia philenora.

Epicopeia philenora, Westw., Arcana, Ent., p. 19, pl. 5, fig. 2, (1843).
——————— Walker, Cat. Lep. Het. ii, p. 410, (1854).

I. M., Sikkim (Barnes).
Also recorded from Assam.

357. Epicopeia philoxenæa.

Epicopeia philoxenæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 799.
Epicopeia philoxene (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

Darjiling.

358. Epicopeia polydora.

Epicopeia polydora, Westw., Arcana Ent., p. 19, pl. 5, fig. 1, (1843).
——————— Walker, Cat. Lep. Het. B. M. ii, p. 410, (1854).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Simla.

359. Epicopeia varunæa.

Epicopeia varunæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 799.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

Collection Swinhoe, Darjiling.

Genus **Philopator.**

360. Philopator basimaculata.

Philopator basimaculata, Moore, Proc. Zool. Soc. Lond. 1865, p. 800, pl. 42, fig. 6.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Darjiling.

Genus **Cadphises.**

361. CADPHISES MACULATA.

Cadphises maculata, Moore, Proc. Zool. Soc. Lond. 1865, p. 801, pl. 42, fig. 7.
———————— Walker, Cat. Lep. Het. xxxv, p. 1870, (1866).

I. M., Khasi Hills (Godwin-Austen).
Also recorded from Darjiling.

362. CADPHISES MOOREI.

Cadphises moorei, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.

Darjiling.
Allied to *C. maculata*.

Genus **Scaptesyle.**

363. SCAPTESYLE BICOLOR.

Scaptesyle bicolor, Walker, Cat. Lep. Het. B. M xxxi, p. 182, (1864).
———————— Moore, Lep. Ceyl. ii, p. 42, pl. 96, fig. 2, (1882).
Dichromia nietneri, Felder, Reise Novara Lep. iv, pl. 106, fig. 25, (1864-75).

Collection Swinhoe, Ceylon.

364. SCAPTESYLE TRICOLOR.

Scaptesyle tricolor, Walker, Cat. Lep. Het. B. M. ii, p. 378, (1854).

Sylhet.

Genus **Ratarda.**

365. RATARDA MARMORATA.

Ratarda marmorata, Moore, Proc. Zool. Soc. Lond. (1879), p. 393, pl. 32, fig. 1.

Darjiling.

Genus **Boradia.**

366. BORADIA CARNEOLA.

Boradia carneola, Moore, Proc. Zool. Soc. Lond. 1879, p. 392.

N.-W. Himalayas.

Genus **Heterusia.**

367. HETERUSIA ÆDEA.

Papilio ædea, Linn., Syst. Nat. ii, p. 757, (1767).
————————Fabr., Sp. Ins. ii, p. 32, 132, (1781).
———————— Mant. Ins ii, p. 16, 133, (1787).
———————— Ent. Syst. iii, 173, 537, (1793).
Acræa ædea, God., Encycl Meth. ix, 236, 19.*
Heterusia ædea, Doubleday, Zoologist ii, 469.*
Eterusia ædea, Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).

I. M., (?) N. Khasi Hills.
Collection Swinhoe, Sylhet.
Also recorded from Ceylon and N. China.

368. Heterusia alompra.

Eterusia alompra, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).
I. M., Sibsagar (Peal).
Collection Swinhoe, Assam.

369. Heterusia cicada.

Beterusia (sic) *cicada*, Felder, Reise Novara, pl. 83, fig. 8, (1864-75).
Sikkim.

370. Heterusia circinata.

Heterusia circinata, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov. i, figs. 156, 157.*
Eterusia circinata, Walker, Cat. Lep. Het. B. M. vii, p. 1672, (1856).
I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Assam.

371. Heterusia circumdata.

Heterusia circumdata, Walker, Cat. Lep. Het. B. M. xxxi, p. 121, (1864).
India.

372. Heterusia distincta.

Gynautocera distincta, Guer., Voy. Deless. Hist. Nat., p. 85, pl. 24, fig. 3, (1843).
Chalcosia distincta, Walker, Cat. Lep. Het. B. M. ii, p. 423, (1854).
Eterusia distincta, Walker, *loc. cit.* vii, p. 1670, (1856).
I. M., Mergui (Anderson), Perak (purchased).
Also recorded from Assam.

373. Heterusia dulcis.

Heterusia dulcis, Butler, Ill. Typ. Lep. Het. v, p. 21, pl. 83, fig. 4, (1881).
Darjiling.

374. Heterusia edocla.

Heterusia edocla, Doubleday, Zoologist ii, p. 469.*
Eterusia edocla, Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).
I. M., Sibsagar (Peal), Naga, Cachar (Wood-Mason).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet and Nepal.

375. Heterusia fasciata.

Eterusia fasciata, Walker, Char. Undescr. Lep. Het. Lond., p. 5, (1869).
Heterusia fasciata, Möschler, Stett. Ent. Zeit. 1872, p. 340.
Sylhet.

376. Heterusia flavomaculata.

Heterusia flavomaculata, Möschler, Stett. Ent. Zeit. 1872, p. 343.
Sylhet.

377. Heterusia lativitta.

Eterusia lativitta, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

I. M., Sibsagar, Naga.
Collection Swinhoe, Khasi Hills, Sikkim.

378. Heterusia magnifica.

Eterusia magnifica, Butler, Trans. Ent. Soc. Lond. 1879, p. 5.
Heterusia magnifica, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 2, (1881).

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason), Sylhet, Sikkim (Barnes).
Collection Swinhoe, Sylhet, Sikkim.
Allied to *H. tricolor*.

379. Heterusia octopunctata.

Heterusia octopunctata, Möschler, Stett. Ent. Zeit. 1872, p. 344.

Sylhet.

380. Heterusia pulchella.

Eterusia pulchella, Walker, Cat. Lep. Het. B. M. ii, p. 431, (1854).
————————*loc. cit.* vii, p. 1671, (1856).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., specimens with no history.
Collection Swinhoe, Simla, Sikkim.
Also recorded from Nepal.

381. Heterusia raja.

Eterusia raja, Moore, Cat. Lep. Mus. E. I. C. ii, p. 320, (1859).
————————Walker, Cat. Lep. Het. B. M. xxxi, p. 117, (1864).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

382. Heterusia risa.

Heterusia risa, Doubleday, Zoologist, ii, p. 468.*
Eterusia risa, Walker, Cat. Lep. Het. B. M. ii, p. 429, (1854).

Nepal, Penang, Sylhet.

383. Heterusia shahama.

Eterusia shahama, Moore, Proc. Zool. Soc. Lond. 1865, p. 801.
————————Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).
————————Waterhouse, Aid. ii, pl. 127, fig. 3, (1883).*

Darjiling.

384. Heterusia signata.

Heterusia signata, Möschler, Stett. Ent. Zeit. 1872, p. 341.

Sylhet.

385. Heterusia sublutea.

Eterusia sublutea, Walker, Cat. Lep. Het. B. M. ii, p. 430, (1854).
Collection Swinhoe, Sylhet.

386. Heterusia tricolor.

Eterusia tricolor, Hope, Trans. Linn. Soc. Lond. 1841, p. 445, pl. 21, fig. 4.
———— Doubleday, Zoologist, ii, p. 470.*
———— Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
Collection Swinhoe, Sikkim.
Also recorded from Nepal and Sylhet.
Allied to *H. magnifica*.

387. Heterusia triliturata.

Eterusia triliturata, Walker, Cat. Lep. Het. B. M. xxxi, p. 119, (1864).
I. M., a specimen with no history.
Recorded from Mussooree.

388. Heterusia trimacula.

Heterusia trimacula, Möschler, Stett. Ent. Zeit. 1872, p. 342.
Sylhet.

389. Heterusia virescens.

Heterusia virescens, Butler, Ill. Typ. Lep. Het. v, p. 21, pl. 83, fig. 3, (1881).
Collection Swinhoe, Khandalla.
Allied to *H. magnifica* and *H. edocla*.

Genus **Devanica.**

390. Devanica bicolor.

Devanica bicolor, Moore, Trans. Ent. Soc. Lond. 1884, p. 355.
I. M., type specimen, Cachar (Wood-Mason).

391. Devanica cingala.

Eterusia cingala, Moore, Ann. Nat. Hist. (4), xx, p. 343, (1877).
Sephisa cingala, Moore, Lep. Ceyl. ii, p. 41, pl. 96, fig. 1, (1882).
Collection Swinhoe, Ceylon.

Genus **Pintia.**

392. Pintia ferrea.

Eterusia ferrea, Walker, Cat. Lep. Het. B. M. ii, p. 431, (1854).
———— *loc. cit.* vii, p. 1671, (1856).
Pintia ferrea, Butler, Ill. Typ. Lep. Het. v, p. 23, pl. 83, fig. 7, (1881).
I. M., Cachar (Wood-Mason), Sikkim (purchased), Buxa (Moti Ram); no locality (Karachi Museum), *var.* Nicobar Is. (purchased); *var.* Andaman Is. (purchased).
Collection Swinhoe, Sikkim, Nicobars.
Also recorded from Sylhet and Hongkong.

Genus **Arachotia.**

393. ARACHOTIA FLAVIPLAGA.

Arachotia flaviplaga, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879).
Darjiling.

394. ARACHOTIA VESPOIDES.

Arachotia vespoides, Moore, Proc. Zool. Soc. Lond. 1879, p. 390.
N. India.

Genus **Histia.**

395. HISTIA COMETARIS.

Histia cometaris, Butler, Ann. Mag. N. H. (5), x, p. 374, (1882).
Tenasserim.

396. HISTIA FLABELLICORNIS.

Zygæna flabellicornis, Fabr., Sp. Ins. ii, 163, 32, (1781).
——————— Mant. Ins. ii, 105, 38, (1787).
——————— Ent. Syst. iii, 1398, 40, (1793).
Papilio rhodope, Cramer, Pap. Exot. i, pl. 30, fig. E, (1775).
Histia flabellicornis, Hübner, Verz. Bek. Schmett., p. 198, 2015, (1816).
——————— Walker, Cat. Lep Het. B. M. ii, p. 412, (1854).
I. M., Sikkim (Barnes), Naga, Sibsagar (Peal), Cherra, N. Khasi Hills.
Collection Swinhoe, Sikkim.
Also recorded from China and (?) S. America.

397. HISTIA FRATERNA.

Histia fraterna, Moore, Proc. Zool. Soc. Lond. 1883, p. 15.
Calcutta.

398. HISTIA NILGIRA.

Histia nilgira, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).
Nilgiri Hills.

Genus **Gynautocera.**

399. GYNAUTOCERA PAPILIONARIA.

Gynautocera papilionaria, Guer., Mag. Zool. 1830, p. 12.
——————— Walker, Cat. Lep. Het. B. M. ii, p. 411, (1854).
Histia papilionaria, Moore, Proc. Zool. Soc. Lond. 1878, p. 816.
I. M., Sikkim (Barnes), Sylhet, Yunan, Naga, Sibsagar (Peal), Buxa (Moti Ram), Cachar (Wood-Mason).
Collection Swinhoe, Mussooree, Sylhet.
Also recorded from Nepal and Tenasserim.

Genus **Amesia.**

400. AMESIA ALIRIS.

Gynautocera (*Amesia*) *aliris*, Doubleday, Ann. Mag. N. H. (1), xix, p. 74, (1847).
Cyclosia aliris, Walker, Cat. Lep. Het. B. M. ii, p. 415, (1854).
Amesia aliris, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 83, fig. 10, (1881).

I. M., Sylhet, Naga, Sibsagar, Sikkim (Barnes).
Collection Swinhoe, Darjiling.

401. AMESIA MIDAMA.

Epyrgis midama, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov. pl. 2, fig. 7, (1853).*
Chalcosia midama, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).
Amesia midama Moore, Lep. Ceyl. ii, p. 46, pl. 98, figs. 1, 1*a*, (1882).
Callamesia midama, Butler, Ann. Mag. N. H. (v), xvi, p. 345, (1885).

Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

402. AMESIA SANGUIFLUA.

Phalæna sanguiflua, Drury, Ins. Exot. ii, p. 35, pl. 20, figs. 1, 2, (1773).
Callimorpha sanguiflua, Westw., Ed. Drury, ii, p. 37, pl. 20, figs. 1, 2, (1837).*
Cyclosia sanguiflua, Walker, Cat. Lep. Het. B. M. ii, p. 415, (1854).

I. M., Khasi Hills, Shillong.
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

403. AMESIA STELLIGERA.

Amesia stelligera, Butler, Ill. Typ. Lep. Het. v, p. 23, pl. 83, figs. 8, 9, (1881).

I. M., Sikkim (Barnes).
Collection Swinhoe, Sikkim.
Also recorded from Bhotan.

Genus **Callamesia.**

404. CALLAMESIA HORMENIA.

Epyrgis hormemia, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 2, fig. 8, (1853).*

I. M., Sibsagar (Peal), Sikkim (F. C. Barnes,) Naga Hills, Sylhet.
Collection Swinhoe, Sikkim.

405. CALLAMESIA VENOSA.

Chalcosia venosa, Walker, Cat. Lep. Het. B. M. ii, p. 422, (1854).
——————— Moore, Lep. Ceyl. ii, p. 45, pl. 97, figs. 2, 2*a*, (1882).

Collection Swinhoe, Ceylon.

Genus **Chalcosia.**

406. CHALCOSIA ADALIFA.

Chalcosia adalifa, Walker, Cat. Lep. Het. ii, p. 421, (1854).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
———————— Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 5, (1881).

Sylhet.

407. CHALCOSIA AFFINIS.

Gynautocera affinis, Guer., Voy. Deless. Hist. Nat., p. 86, pl. 24, fig. 2, (1843).
Chalcosia affinis, Butler, Ann. Mag. N. H. (5), v, p. 223, (1880).
———————— Moore, Lep. Ceyl. ii, p. 45, pl. 98, fig. 2, (1882).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Nilgiri Hills (Karachi Museum).
Collection Swinhoe, Belgaum, Ghazi Ghat, Goa.
Also recorded from Ceylon and Pondicherry.

408. CHALCOSIA ALBATA.

Chalcosia albata, Moore, Proc. Zool. Soc. Lond, 1879, p. 390.

I. M., Shillong, Sikkim, Khasi Hills, Kulu (Young).
Mussooree (Templeton), Cherrapunji.
Also recorded from Dharmsala and Nepal.

409. CHALCOSIA ARGENTATA.

Chalcosia argentata, Moore, Descr. Ind. Lep. Atk. i, p. 17, (1879).

I. M., Sibsagar (Peal), Cachar (Wood-Mason), Goalpara, Yunan.
Collection Swinhoe, Hazara, Sibsagar.

410. CHALCOSIA CORUSCA.

Milleria corusca, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 1, (1853).*

Chalcosia corusca, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).

I. M., Sikkim, Cherra, Sibsagar (Peal.)
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

411. CHALCOSIA PECTINICORNIS.

Sphinx pectinicornis, Linn., Syst. Nat. ii, 807, 44, (1767).
Zygæna pectinicornis, Fabr., Syst. Ent. 554, 18, (1775).
———————————— Sp. Ins. ii, 164, 35, (1781).
———————————— Mant. Ins. ii, 105, 42, (1787).
———————————— Ent. Syst. iii, 1, 399, 44, (1793).
Gynautocera pectinicornis, Guer., Voy. Deless. Hist. Nat. 87, pl. 24, fig. 4, (1843).
Chalcosia pectinicornis, Hübn., Verz. Bek. Schmett. 173, 1785, (1816).
———————————— Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854).
———————————— *loc. cit.* vii, p. 1669, (1856).

Collection Swinhoe, Terai Alps, Simla, Kasauli.
Also recorded from Landaur, Nepal, China, (?) America.

412. Chalcosia pretiosa.

Chalcosia pretiosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 116, (1864).
———— Moore, Lep. Ceyl. ii, p. 44, pl. 96, fig. 4, (1882).

Ceylon.

413. Chalcosia quadrifasciata.

Chalcosia quadrifasciata, Moore, Lep. Ceyl. ii, p. 45, pl. 96, fig. 5, (1882).

Collection Swinhoe, Ceylon.

414. Chalcosia similata.

Chalcosia similata, Moore, Lep. Ceyl. ii, p. 45, pl. 97, figs. 3, 3*a*, (1882).

Ceylon.

415. Chalcosia zehma.

Milleria zehma, Boisd., Herr.Schaff. Lep. Exot. Sp. Nov., pl. 1, fig 3, (1853).*
Chalcosia zehma, Walker, Cat. Lep. Het B. M. vii, p. 1670, (1856).
————— Moore, Proc. Zool. Soc. Lond., 1867, p. 678.

Sylhet.

416. Chalcosia zuleika.

Chalcosia zuleika, Walker, Cat. ii, p. 423, (1854).

Sylhet.

Genus **Epyrgis.**

417. Epyrgis binghami.

Epyrgis binghami, Butler, Ann. Nat. Hist. (5), x, p. 374, (1882).

Tenasserim.

418. Epyrgis imitans.

Epyrgis imitans, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 84, fig. 1, (1881).

Bhotan.

419. Epyrgis papilionaris.

Phalæna papilionaris, Drury, Ins. Exot. ii, p. 4, pl. 2, fig. 4, (1773).
———— Cramer, Pap. Exot. i, pl. 29, fig. A, (1775).
Phalæna venaria, Fabr., Ent. Syst. iii, 2, 156, 96, (1794).
Esthema papilionaris, Hübner, Verz. Bek. Schmett. 178, 1837, (1816).
Heleema papilionaris, Westw., Ed. Drury. ii, 4, pl. 2, fig. 4, (1837).*
Cyclosia papilionaris, Walker, Cat. Lep. Het. B. M, ii, p. 416, (1854).

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason), Mergui (Anderson), Goalpara, Dunsiri, Sylhet, Buxa (Moti Ram), N. Khasi Hills, Sikkim (Barnes).

Collection Swinhoe, Darjiling, Cachar, Mergui.

Also recorded from Madras and Hongkong.

420. Epyrgis parvula.

Epyrgis parvula, Butler, Ann. Mag. N. H. (5), xii, p. 160, (1883).

I. M., Nicobar Is. (purchased).
Collection Swinhoe, Andamans.
Also recorded from Darjiling.

Genus **Cyclosia.**

421. Cyclosia cardinalis.

Cyclosia cardinalis, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).

Darjiling.

422. Cyclosia nigrescens.

Cyclosia nigrescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.

I. M., Andaman Is. (purchased).
Collection Swinhoe, British Burma.

423. Cyclosia panthona.

Phalæna panthona, Cramer, Pap. Exot. iv, pl. 322, fig. C, (1780).
Cyclosia panthona, Walker, Cat. Lep. Het. B. M. ii, p. 417, (1854).
——————— Moore, Lep. Ceyl. ii, p. 44, pl. 97, figs. 1, 1*a*, 1*b*, (1882).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Mergui (Anderson).
Collection Swinhoe, N. India, Mergui.
Also recorded from Sylhet, Ceylon, and Hongkong.

424. Cyclosia venusta.

Cyclosia venusta, Walker, Cat. Lep. Het. B. M. ii, p. 416, (1854).

Sylhet.

425. Cyclosia virginalis.

Milleria virginalis, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov, fig. 4, (1853).*
Cyclosia subcyanescens, Walker, Cat. Lep. Het. B. M. ii, p. 417, (1854).
Cyclosia virginalis, Walker, Cat. Lep. Het. vii, p. 1669, (1856).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

Sylhet.

Genus **Chatamla.**

426. Chatamla flavescens.

Euschema flavescens, Walker, Cat. Lep. Het. ii, p. 406, (1854).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.
——————— Butler, Ill. Typ. Lep. Het. i, p. 57, pl. 14, fig. 3, (1877).
Chatamla flavescens, Moore, Proc. Zool. Soc. Lond. (1881), p. 326.

Collection Swinhoe, Sylhet.
Also recorded from Khasi Hills.

427. Chatamla nigrescens.

Euschema nigrescens, Moore, Descr. Ind. Lep. Atk. i, p. 20, (1879).
Chatamla nigrescens, Moore, Proc. Zool. Soc. Lond. 1881, p. 326.

Darjiling.
Allied to *E. flavescens*.

428. CHATAMLA TRICOLOR.

Chatamla tricolor, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 1, (1881).
Sylhet.
Allied to *C. flavescens*.

Genus **Agalope.**

429. AGALOPE BASALIS.

Agalope basalis, Walker, Cat. Lep. Het. B. M. ii, p. 438, (1854).
———— Butler, Ill. Typ. Het. v, p. 26, pl. 84, fig. 5, (1881).

I. M., Sikkim (purchased), Kulu (purchased), Simla (deNiceville).
Collection Swinhoe, Cashmir, Pangi, Murree, Sikkim, Chumba.
Also recorded from Almora.

430. AGALOPE GLACIALIS.

Agalope glacialis, Butler, Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 6, (1881).
Darjiling.

431. AGALOPE PRIMULARIS.

Agalope primularis, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.
———— Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 7, (1881).

Collection Swinhoe, Kulu.
Also recorded from Darjiling.

Genus **Laurion.**

432. LAURION CIRCE.

Milleria circe, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 2,(1853).*
————Walker, Cat. Lep. Het. B. M. xxxi, p. 117, (1864).
Laurion metallica, Walker, *loc. cit.* ii, p. 426, (1854).
Lauria circe, Walker, *loc. cit.* vii, p. 1671, (1856).
Laurion circe, Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Khasi Hills (purchased), Sylhet, Cachar, Cherra, Shillong, Sibsagar (Peal).
Collection Swinhoe, Shillong, Khasi Hills.

433. LAURION GEMINA.

Laurion gemina, Walker, Cat. Lep. Het. B. M. ii, p. 427, (1854).
Lauria gemina, Walker, *loc. cit.* vii, p. 1671, (1856).
Milleria gemina, Walker, *loc. cit.* xxxi, p. 117, (1864).

I. M., Mergui (Anderson).
Collection, Swinhoe, Hongkong, Sylhet.

434. LAURION MILES.

Laurion miles, Butler, Ill. Typ. Lep. v, p. 25, pl. 84, fig. 3, (1881).
Darjiling.

Genus **Milleria.**

435. MILLERIA ALBIFASCIA.

Milleria albifascia, Moore, Descr. Ind. Lep. Atk. i, p. 19, (1879).
Cherrapunji.

436. MILLERIA FULIGINOSA.

Cyclosia fuliginosa, Walker, Cat. Lep. Het. B. M. ii, p. 418, (1854).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
Milleria fuliginosa, Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 6, (1881).
Sylhet.

Genus **Heteropan.**

437. HETEROPAN SCINTILLANS.

Heteropan scintillans, Walker, Cat. Lep. Het. B. M. ii, p. 441, (1854).
———————Moore, Lep. Ceyl. ii, p. 43, pl. 96, fig. 3, (1882).
Collection Swinhoe, Ceylon.

Genus **Herpa.**

438. HERPA SUBHYALINA.

Herpa subhyalina, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).
Sikkim.

439. HERPA VENOSA.

Herpa venosa, Walker, Cat. Lep. Het. B. M. ii, p. 442, (1854).
I. M., Cherra.
Collection Swinhoe, Sylhet.

Genus **Retina.**

440. RETINA RUBRIVITTA.

Retina rubrivitta, Walker, Cat. Lep. Het. B. M. ii, p. 439, (1854).
——————— Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 4, (1881).
I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

Genus **Pidorus.**

441. PIDORUS GLAUCOPIS.

Phalæna glaucopis, Drury, Ins. Exot. ii, p. 11, pl. 6, fig. 4, (1773).
——————— Cramer, Pap. Exot. iv, pl. 322, fig. D, (1780).
Zygæna glaucopis, Fabr., Sp. Ins. ii, p. 164, 37, (1781).
———————Mant. Ins. ii, p. 105, 45, (1787).
———————Ent. Syst. iii, 1, p. 400, 47, (1793).
Leucopsumis glaucopis, Hübn., Verz. Bek. Schmett, p. 177, 1827, (18.6).
Callimorpha glaucopis, Westw., Ed. Drury ii, pl. 6, fig. 4, (1837).*
Pidorus glaucopis, Walker, Cat. Lep. Het. B. M. ii, p. 424, (1854).
I. M., Buxa (Moti Ram), Cachar (Wood-Mason), Sibsagar, Shillong, Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus **Codane.**

442. CODANE LEUCOMELAS.

Codane leucomelas, Moore, Journ. As. Soc. Beng. lv. (2), 1, p. 97, (1886).
Siam.

443. CODANE ZELICA.

Gynautocera (*Chalcosia*) *zelica*, Doubleday, Ann. Mag. N. H. (1), xix, p. 76, pl. 7, fig. 3, (1847).
Pidorus zelica, Walker, Cat. Lep. Het. B. M. ii, p. 425, (1854).
Codane zelica, Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 2, (1881).
Sylhet, Moulmein.

444. CODANE ZENOTEA.

Pidorus zenotea, Walker, Cat. Lep. Het. B. M. ii, p. 425, (1854).
Codane zenotea, Descr. Ind. Lep. Atk. i, p. 17, (1879).
N. India, Cherrapunji.

Genus **Soritia.**

445. SORITIA FUSCESCENS.

Soritia fuscescens, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).
Darjiling.

446. SORITIA HYALINA.

Cyclosia hyalina, Kollar, Kaschmir, Von Hügel, p. 462, (1848).
Soritia hyalina, Walker, Cat. Lep. Het. B. M. ii, p. 436, (1854).
Mussooree.

447. SORITIA LEPTALINA.

Soritia leptalina, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).
Sylhet, Nepal.

448. SORITIA OLIVASCENS.

Soritia olivascens, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).
I. M., a specimen with no history.
Recorded from Khasi Hills.

449. SORITIA SEXPUNCTATA.

Eterusia sexpunctata, Walker, Cat. Lep. Het. B. M. ii, p. 432, (1854).
I. M., Sikkim (purchased), Cherra, Khasi Hills (purchased).
Collection Swinhoe, Nepal, Darjiling.
Also recorded from Sylhet.

Genus **Chelura.**

450. CHELURA BASIFLAVA.

Chelura basiflava, Moore, Proc. Zool. Soc. Lond. 1879, p. 391.
———— Waterhouse, Aid. ii, pl. 131, fig. 3, (1883).*

Darjiling.

451. CHELURA BIFASCIATA.

Chelura bifasciata, Hope, Trans. Linn. Soc. Lond. xviii, p. 444, (1841).
———— Walker, Cat. Lep. Het. B. M. ii, p. 437, (1854).

Collection Swinhoe, India.
Also recorded from Nepal and Assam.

452. CHELURA ERONIOIDES.

Chelura eronioides, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879).

I. M., Sikkim.

453. CHELURA GLACIALIS.

Chelura glacialis, Moore, Proc. Zool. Soc. Lond. 1872, p. 570.

I. M., a specimen with no history.
Recorded from Darjiling.

Genus **Erasmia.**

454. ERASMIA PULCHELLA.

Erasmia pulchella, Hope, Trans. Linn. Soc. Lond. xviii, p. 446, pl. 31, fig. 5, (1841).
———— Westw., Arcana Ent., p. 19 (1843).
———— Walker, Cat. Lep. Het. B. M. ii, p. 419, (1854).

I. M., Naga, Sikkim (Atkinson), Sibsagar (Peal), Sylhet.
Collection Swinhoe, Darjiling.

Genus **Campylotes.**

455. CAMPYLOTES ATKINSONI.

Campylotes atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 17, (1879).
———— Waterhouse, Aid. ii, pl. 92, (1882).*

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

456. CAMPYLOTES HISTRIONICUS.

Campylotes histrionicus, Westw., Royle, Illustr. Himalayas, p. liii, pl. 10, fig. 1, (1837).
———— Arcana Ent., p. 20, (1843).
———— Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854).
Chalcosia histrionica, Kollar, Kaschmir, Von Hügel, p. 463, (1848).

I. M., Shillong, Mussooree (Templeton), Khasi Hills, Kulu (Purchased), Kumaon (Clellain), Cherra, Delhi.
Collection Swinhoe, Simla, Sikkim, Khasi Hills.
Also recorded from Nepal and Kashmir.

Genus **Atossa.**

457. ATOSSA NELCINNA.

Atossa nelcinna, Moore, Proc. Zool. Soc. Lond. 1874, p. 577, pl. 67, fig. 7.

N.W. Himalayas.

Genus **Thymara.**

458. THYMARA CAUDATA.

Thymara caudata, Moore, Proc. Zool. Soc. Lond. 1879, p. 394, pl. 32, fig. 3.

I. M., Wynaad.
Also recorded from Burma and Assam.

459. THYMARA ZAIDA.

Thymara zaida, Doubleday, Zoologist i, p. 198.*
———— Walker, Cat. Lep. Het. ii, p. 383, (1854).

N. India.

FAMILY NYCTEMERIDÆ.

Genus **Nyctemera.**

460. NYCTEMERA ARCTATA.

Nyctemera arctata, Walker, Cat. Lep. Het. B. M. vii, p. 1664, (1856).

Collection Swinhoe, Darjiling.
Also recorded from Cherrapunji.

461. NYCTEMERA CENIS.

Phalæna cenis, Cramer, Pap. Exot. ii, pl. 147, fig. E, (1777).
Nyctemera cenis, Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 332, (1859).

I. M., Shillong, Naga Hills, Sibsagar, Yunan, Buxa (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Simla, Sikkim, Assam.
Also recorded from Cherrapunji.

462. NYCTEMERA COLETA.

Phalæna coleta, Cramer, Pap. Exot. iv, pl. 368, fig. H, (1781).
Nyctemera coleta, Hübn., Verz. Bek. Schmett. 178, (1816).
———— Walker, Cat. Lep. Het. B. M. ii, p. 399, (1854).
———— Moore, Journ. As. Soc. Beng., lv, (2), 1, p. 97, (1886).

I. M., Sibsagar (Peal), Perak (purchased), Tavoy (Moti Ram).
Also recorded from Ceylon and Ceram.

463. NYCTEMERA LACTICINIA.

Phalæna (*Geometra*) *lacticinia*, Cramer, Pap. Exot. ii, pl. 128, fig. E, (1777)
Nyctemera lacticinia, Hübner, Verz. Bek. Schmett. p. 178, (1816).
——————— Walker, Cat. Lep. Het. B. M. ii, p. 395, (1854).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 321, pl. 14, figs. 10, 10*a*, (1859).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 614.
——————— Moore, Lep. Ceyl. ii, p. 47, pl. 99, figs. 1, 1*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
——————— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

I. M., Cachar (Wood-Mason).
Collection Swinhoe, Belgaum, Poona, Travancore, Nilgiri Hills.
Also recorded from Coromandel, Malabar, Burma, Ceylon, Java, Ceram, Hongkong.

464. NYCTEMERA MACULOSA.

Nyctemera maculosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 198, (1864).

I. M., Sikkim, Shillong.
Allied to *N. lacticinia*.

465. NYCTEMERA NIGROVENOSA.

Nyctemera nigrovenosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.
———————————Lep. Ceyl. ii, p. 48, pl. 98, figs. 4, 4*a*, (1882).

Allied to *N. coleta*.
Collection Swinhoe, Ceylon.

466. NYCTEMERA TRIPUNCTARIA.

Phalæna tripunctaria, Linn. Mus. Lud. Ulr. p. 392, (1764).
——————————— Syst. Nat. (ed. 12), 2, p. 864, 226, (1767).
——————————— Cramer, Pap. Exot. i, pl. 22, fig. E. (1775).
——————————— Fabr., Sp. Ins. ii, p. 250, 47, (1781).
——————————— Mant. Is. (ii), p. 193, 71, (1787).
Nyctemera tripunctaria, Walker, Cat. Lep. Het. B. M. ii, p. 397, (1854).
———————————— Moore, Journ. As. Soc. Beng. lv, (2), i, p. 97, (1886).
Nyctemera atralba, Hübn. Verz Bek. Schmett. 178, (1816).

I. M., Tavoy (Moti Ram).
Also recorded from Assam, Penang, China.

Genus **Pitasila.**

467. PITASILA LEUCOSPILOTA.

Pitasila leucospilota, Moore, Proc. Zool. Soc. Lond. 1877, p. 599, pl. 59, fig. 7.

I. M., Andaman Is. (purchased).
Collection, Swinhoe, Andaman Is.

468. PITASILA MOOLAICA.

Pitasila moolaica, Moore, Proc. Zool. Soc. Lond. 1878, p. 847, pl. 53, fig. 10.

Tenasserim.

469. PITASILA VARIANS.

Nyctemera varians, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).
———— *loc. cit.* vii, p. 1663, (1856).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 332, (1859).
Pitasila varians, Butler, Ill. Typ. Lep. Het. v, p. 46, pl. 88, fig. 4, (1881).
———— Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 234, (1884).

I. M., Sikkim (Barnes), Naga Hills, Sibsagar, Shillong, Dunsiri, Cachar (Wood-Mason), Buxar (Moti Ram).
Collection Swinhoe, Sikkim, Assam.
Also recorded from Moulmein.

470. PITASILA VARIOLOSA.

Pitasila variolosa, Felder, Reise Novara Lep., pl. 129, fig. 15, (1864-75).

I. M., Nicobar Is. (Cadell and deNiceville).
Collection Swinhoe, Nicobar Is.

Genus **Trypheromera.**

471. TRYPHEROMERA PLAGIFERA.

Nyctemera plagifera, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).
Trypheromera plagifera, Butler, Ill. Typ. Lep. Het, v, p. 45, pl. 88, fig. 3, (1881).
Tryphœromera (sic) *plagifera*, Moore, Journ. As. Soc. Bengal, liii, (2), 3, p. 234, (1884).

I. M., Cachar (Wood-Mason), Sikkim (purchased), Cherra, Khasi Hills, Sibsagar (Peal).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet and Hongkong.

Genus **Leptosoma.**

472. LEPTOSOMA LATISTRIGA.

Nyctemera latistriga, Walker, Cat. Lep. Het. B. M. ii, p. 397, (1854).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 331, (1859).
———— Lep. Ceyl. ii, p. 48, pl. 99, fig. 2, (1882).
Leptosoma latistriga, Butler, Ill. Typ. Lep. Het. v, p. 44, pl. 88, fig. 1, (1881).

I. M., Mergui (Anderson), Andaman Is. (purchased), Nicobar Is. (de Niceville), Tavoy (Moti Ram).
Collection Swinhoe, Calicut, Andaman Is.
Also recorded from Sylhet, Moulmein, Kanara, Ceylon, Java.

Genus **Zonosoma.**

473. ZONOSOMA INTERLECTUM.

Nyctemera interlecta, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).
Zonosoma interlectum, Butler, Ill. Typ. Lep. Het. v, p. 45, pl. 88, fig. 2, (1881).

Sylhet.

Genus **Pterothysanus.**

474. PTEROTHYSANUS ATRATUS.

Pterothysanus atratus, Butler, Ann. Mag. N. H. (5), xvi, p. 346, (1885).

Assam.

475. PTEROTHYSANUS LATICILIA.

Pterothysanus laticilia, Walker, Cat. Lep. Het. B. M. ii, p. 401, (1854).
——————— Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 333, pl. 8a, fig. 8, (1859).
——————— Butler, Ill. Typ. Lep. Het. i, p. 56, pl. 14, fig. 2, (1877).
——————— Ann. Mag. N. H. (5), xvi, p. 345, (1885).

I. M., Sikkim (Atkinson and Barnes), Sibsagar (Peal), Buxar (Moti Ram).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

476. PTEROTHYSANUS PICTUS.

Pterothysanus pictus, Butler, Ann. Mag. N. H. (5), xiv, p. 407, (1884).

Elephanta Island.

Genus **Arbudas.**

477. ARBUDAS BICOLOR.

Arbudas bicolor, Moore, Descr. Ind. Lep. Atk. i, p. 20, pl. 2, fig. 19, (1879).

Darjiling.

Genus **Curoba.**

478. CUROBA SANGARIDA.

Phalæna (Noctua) sangarida, Cramer, Pap. Exot. iv, pl. 381, fig. D. (1781).
Phalæna (Noctua) mopsa, Drury, Exot. Ins. iii, p. 4, pl. 3, fig. 3, (1782).
Eucharia sangarida, Hübn., Verz. Bek. Schmett, p. 181, (1816).
Callimorpha mopsa, Westw., Ed. Drury iii, p. 4, pl. 3, fig. 3, (1837).*
Alope mopsa, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).
Alope sangarida, Walker, *loc. cit.* iii, p. 620, (1855).
Curoba fasciata, Walker, *loc. cit.* xxxi, p. 272, (1864).
Curoba sangarida, Moore, Lep. Ceyl. ii, p. 49, pl. 99, figs. 3, 3*a*, (1882).

Ceylon, Madras.

Genus **Dondera.**

479. DONDERA ALBA.

Dondera alba, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877).
——————— Lep. Ceyl. ii, p. 48, pl. 98, fig. 3, (1882).

Ceylon.

Family CALLIDULIDÆ.

Genus **Callidula.**

480. Callidula anchora.

Callidula anchora, Moore, MS.

I. M., Kulu (purchased), Sikkim (Barnes).
Collection Swinhoe, Simla, Kulu.

481. Callidula erycinoides.

Callidula erycinoides, Walker, Char. Undescr. Lep. Het. p. 3, (1869).

Collection Swinhoe, Darjiling, Terai Ghat.

Genus **Cleosiris.**

482. Cleosiris catamita.

Cleosiris catamita, Hübn. Geyr. Zutr. Exot. Schmett, pt. 4, p. 17, figs. 653, 654, (1832).*
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 290, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxi, p. 59, (1864).
——————— Doubleday Westw., Gen. Diurn. Lep. ii, p. 504, pl. 77, fig. 9.
——————— Boisd., Sp. Gen. Lep. i, pl. 23, fig. 3.*
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 599.
——————— Snellen, Tijd. Ent. xxii, p. 67, pl. vi, figs. 1, 1*a*, 1*b*, 1*c*, (1879).
——————— Moore, Lep. Ceyl. ii, p. 50, pl. 99, figs. 4, 4*a*, (1882).

I. M., Sibsagar (Peal), Sikkim (Barnes), Andaman Is., *var.* (purchased), Nicobar Is., *var.* (purchased).
Collection Swinhoe, Sikkim, and Ceylon.
Also recorded from Sylhet, S. India, and Java.

483. Cleosiris major.

Cleosiris major, Moore, Proc. Zool. Soc. Lond. 1883, p. 15.

N. India.

Genus **Herimba.**

484. Herimba atkinsoni.

Herimba atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 21, pl. 2, fig. 3, (1879).

Darjiling.

Genus **Datanga.**

485. Datanga attenuata.

Datanga attenuata, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879).

Collection Swinhoe, Sikkim.

486. DATANGA MINOR.

Datanga minor, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879).
Moulmein, Burma.

FAMILY PSYCHIDÆ.

Genus **Aprata.**

487. APRATA MACKWOODII.

Aprata mackwoodii, Moore, Lep. Ceyl. ii, p. 107, pl. 118, fig. 8, (1882).
Ceylon.

488. APRATA THWAITESII.

Aprata thwaitesii, Moore, Lep. Ceyl. ii, p. 107, pl. 118, figs. 7, 7*a*, (1882).
Ceylon.

Genus **Bambalina.**

489. BAMBALINA CONSORTA.

Oiketicus (*Cryptothelea*) *consortus*, Templeton, Trans. Ent. Soc. Lond. v, p. 40, pl. 5, figs. 6, 7, (1847-49).
Oiketicus consortus, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 36, fig. 3.
——————— Heyleart, Comptes Rend. Soc. Ent. Belg. 1884, p. xxxvii.
Bambalina consorta, Moore, Lep. Ceyl. ii, p. 103, pl. 118, figs. 3, 3*a*, (1882).
Ceylon, N. India.

Genus **Eumeta.**

490. EUMETA CRAMERII.

Oiketicus cramerii, Westw., Proc. Zool. Soc. Lond. 1854, p. 236, pl. 37, fig. 4.
Cryptothelea consorta, Walker (*nec* Templeton), Cat. Lep. Het. B. M. iv, p. 970, (1855).
Eumeta crameri, Moore, Cat. Lep. Mus. E. I. Co. ii, p. 434, (1859).
——————— Lep. Ceyl. ii, p. 102, pl. 118, figs. 1, 1*a*, (1882).
Eumeta nietneri, Felder, Reise Novara, pl. 83, fig. 21, (1864-75).
I. M., Calcutta (Wood-Mason), Panjab (India Forest Department), Assam (Messrs. Mackinnon, Mackenzie & Co.)
Also recorded from Kanara and Ceylon.

491. EUMETA LAYARDII.

Eumeta layardii, Moore, Lep. Ceyl. ii, p. 102, pl. 118, figs. 2, 2*a*, (1882).
Eumeta cramerii, Walker (*nec* Westw.) Cat. Lep. Het. B. M. iv, p. 964, (1855).
Ceylon.

Genus **Dappula.**

492. DAPPULA TEMPLETONII.

Oiketicus templetonii, Westw., Proc. Zool. Soc. Lond. (1854), p. 234, pl. 36, fig. 2.
——————— Heylearts, Comptes Rend. Soc. Ent. Belg. 1884, p. xxxvii.
Oiketicus tertius, Templeton, Trans. Ent. Soc. Lond. v, p. 39, pl. 5, figs. 1-5, (1847-49).
Eumeta templetonii, Walker, Cat. Lep. Het. B. M. iv, p. 965, (1855).
Dappula templetonii, Moore, Lep. Ceyl. ii, p. 104, pl. 118, figs. 6, 6*a*, (1882).

Ceylon, Hongkong.

Genus **Manatha.**

493. MANATHA ALBIPES.

Manatha albipes, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).
——————— Lep. Ceyl. ii, p. 105, pl. 118, figs. 4, 4*a*, (1882).

Ceylon.

Genus **Metisa.**

494. METISA PLANA.

Metisa plana, Walker, Cat. Lep. Het. B. M. iv, p. 958, (1855).
——————— Moore, Lep. Ceyl. ii, p. 105, pl. 118, fig. 9, (1882).

Ceylon.

Genus **Chalia.**

495. CHALIA DOUBLEDAII.

Oiketicus doubledaii, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 34, fig. 4.
Psyche doubledaii, Walker, Cat. Lep. Het. B. M. iv, p. 956, (1855).
Chalia doubledayi, Moore, Ann. Mag. N. H. (4), xx, p. 346, (1877).
——————— Lep. Ceyl. ii, p. 106, pl. 118, figs. 5, 5*a*, (1882).

Ceylon.

Genus **Mahasena.**

496. MAHASENA ANDAMANA.

Mahasena andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 602, pl. 59, fig. 4.

S. Andaman Is.

Genus **Kophene.**

497. KOPHENE CUPREA.

Kophene cuprea, Moore, Descr. Ind. Lep. Atk. i, p. 72, (1879).

Calcutta.

498. KOPHENE MINOR.

Kophene minor, Moore, Descr. Ind. Lep. Atk. i, p. 73, (1879).
Chalia minor, Heylearts, Comptes Rendus Soc. Ent. Belg. 1884, p. xxxvi.
Calcutta.

FAMILY NYCTEOLIDÆ.

Genus **Earias**.

499. EARIAS CHROMATARIA.

Earias chromataria, Walker, Cat. Let. Hep. B. M. xxvii, p. 204, (1863).
Earias chromotaria (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880.
Collection Swinhoe, Simla, Bombay.

500. EARIAS INSULANA.

Tortrix insulana, Boisd., Faune Ent. Madag., p. 121, pl. 16, fig. 9, (1833).*
Earias smaragdinana, Zeller (*nec* Walker), Lep. Mic. Wahlb. Caffr., p. 79, (1852).*
Cleophora insula, Boisd., Guen. Notes, Bourbon, Maillard, ii, G, p. 39, (1863).*
Earias frondosana, Walker, Cat. Lep. Het. B. M. xxvii, p. 204, (except *var.* B) (1863).
—————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.
—————— *loc. cit.*, 1885, p. 880.
—————— Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, fig. 1, (1886).
Earias simillima, Walker, *loc. cit.*, xxxv, p. 1775, (1866).
—————— Swinhoe, *loc. cit.*, 1885, p. 880.
Earias siliquana, Stainton, Trans. Ent. Soc. Lond. (iii), v, p. lxxxix (1865-67).
Earias gossypii, Frauenfeld, Verh. Zool. Bot. Ges. Wien. xvii, p. 791, (1867).
—————— *loc. cit.*, xviii, p. 417, (1868).
Earias insulana, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 869, (1870).
Collection Swinhoe, Bombay, Satara, Poona, Asirgarh Karachi.
Also recorded from S. Europe, Africa, Madagascar, Mauritius, and Siam.
Attacks cotton boll in Egypt.

501. EARIAS HÜGELI.

(?) *Earias frondosana* (*var.* B), Walker, Cat. Lep. Het. B. M. xxvii, p. 204, (1863).
Earias hügeli, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 872, (1870).
India, Australia.

502. EARIAS SPEIPLENA.

Aphusia speiplena, Walker, Cat. Lep. Het. B. M. xii, p. 770, (1857).
Micra partita, Walker, xxxiii, p. 799, (1865).
Collection Swinhoe, Cawnpore, Mhow, Karachi, Bombay, Khandalla.
Also recorded from Java.

503. Earias tristrigosa.

Earias tristrigosa, Butler, Proc. Zool. Soc. Lond. 1881, p. 614.
——————————— *loc. cit.* 1883, p. 157.
——————————— Swinhoe, Proc. Zool. Lond. 1884, p. 528; and 1885, p. 881.

Collection Swinhoe, Karachi, Beluchistan.
Also recorded from Bombay and the Punjab.

Genus **Tyana.**

504. Tyana callichlora.

Tyana callichlora, Walker, Cat. Lep. Het. B. M. xxxv, p. 1776, (1866).
——————————— Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 14.
——————————— Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, figs. 2 & 3, (1886).

I. M., a specimen with no history.
Collection Swinhoe, Darjiling.

505. Tyana chloroleuoa.

Tyana chloroleuca, Walker, Cat. Lep. Het. B. M. xxxv, p. 1777, (1866).
——————————— Butler, Ill. Typ. Lep. Het. vi, p. 15, pl. 105, figs. 5 & 6, (1886).

Darjiling.

506. Tyana falcata.

Hylophila falcata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1772, (1866).
Tyana falcata, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 9, (1886).

Collection Swinhoe, Darjiling.

507. Tyana lancina.

Tyana lancina, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).
——————————— Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 8, (1886).

Bhotan.

508. Tyana pustulifera.

Earias pustulifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1773, (1866).
Tyana pustulifera, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 7, (1886).

Nepal.

509. Tyana speculatrix.

Tyana speculatrix, Butler, Ann. Mag. N. H. (5), vi, p. 64, (1880).
——————————— Ill. Typ. Lep. Het. vi, p. 15, pl. 105, fig. 4, (1886).

Collection Swinhoe, Sikkim.

510. Tyana superba.

Tyana superba, Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 15.

Darjiling.

Genus **Thagora.**

511. Thagora figurana.

Thagora figurana, Walker, Cat. Lep. Het. B. M. xxvii, p. 205, (1863).

Ceylon.

Family LITHOSIIDÆ.

Sub-Family Hypsinæ.

Genus **Peridrome**.

512. Peridrome orbicularis.

Hypsa (*Peridrome*) *orbicularis*, Walker, Cat. Lep. Het. B. M. ii, p. 415, (1854).
Aganopis subquadrata, Herr. Schäff., Lep. Spec. Nov., p. 70, fig. 501, (1856).*
Peridrome orbicularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; 1877, p. 598; and 1878, p. 847.

I. M., Sylhet, Tenasserim, Andaman Is. (purchased).
Collection Swinhoe, Andamans, Rangoon, Assam.

Genus **Euplocia**.

513. Euplocia membliaria.

Phalæna membliaria, Cramer, Pap. Exot. iii, p. 269, figs. C, D, (1780).
Euplocia membliaria, Hübner, Verz. Bek. Schmett. p. 172, (1816).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1877, p. 598.
Hypsa membliaria, Walker, Cat. Lep. Het. B. M. ii, p. 448, (1854).

I. M., Andaman Is. (purchased).
Collection Swinhoe, South Andamans.
Also recorded from Bengal.

Genus **Neochera**.

514. Neochera domina.

Phalæna domina, Cramer, Pap. Exot. iii, pl. 263, figs. A, B, (1779).
Neochera domina, Hübn. Verz. Bek. Schmett, p. 173, (1816).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

Cherrapunji, Coromandel, Sylhet, Java.

515. Neochera marmorea.

Hypsa (*Neochera*) *dominia*, Walker (*nec* Cramer), Cat. Lep. Het. B. M. ii, p. 448, (1854).
Hypsa (*Euplocia*) *marmorea*, Walker, *loc. cit.* vii, p. 1674, (1856).
Neochera marmorea, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1878, p. 847.
———————— Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, figs. 10 and 11.

I. M., Sikkim (purchased), Buxa (Moti Ram), Cachar (Wood-Mason), Sylhet, Naga Hills, Sibsagar (Peal), Tavoy (Moti Ram).
Collection Swinhoe, Pegu, Sylhet, Sibsagar, Rangoon.
Also recorded from Moulmein and Java.

516. Neochera tortuosa.

Neochera tortuosa, Moore, Proc. Zool. Soc. Lond. 1872, p. 570, pl. 33, fig. 2.

India.

Genus **Hypsa**.

517. HYPSA CANARAICA.

Hypsa canaraica, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.

Collection Swinhoe, Nilgiris.
Also recorded from Kanara.
Allied to *H. heliconia*.

518. HYPSA CLAVATA.

Hypsa clavata, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.
———— Moore, Journ. As. Soc. Beng. (53), 2, iii, p. 235, (1884).

Cachar, Sylhet, Hongkong.

519. HYPSA HELICONIA.

Phalæna heliconia, Linn., Syst. Nat., ed. x, p. 511, (1758).*
———— Mus. Lud. Ulr., p. 385, (1764).
Hypsa doryca, Walker, Cat. Lep. Het. B. M. ii, p. 459, (1854).
Hypsa heliconia, Aurivillius (*nec* Walker), Kon. Sv. Akad. Handl. Band 19, No. 5, p. 159, pl. 1, fig. 6, (1882).

Sylhet, New Guinea.

520. HYPSA LACTEATA.

Hypsa lacteata, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 9, (1881).

Collection Swinhoe, Sylhet.
Also recorded from Darjiling.

521. HYPSA MONYCHA.

Phalæna monycha, Cramer, Pap. Exot. ii, pl. 131, fig. C, (1777).
Hypsa monycha, Walker, Cat. Lep. Het. B. M. ii, p. 451, (1854).

I. M., Sibsagar (Peal), Cachar (Wood-Mason).
Collection Swinhoe, Sylhet.
Also recorded from Coromandel.
Allied to *H. plana*.

522. HYPSA PAPHOS.

Noctua paphos, Fabr., Ent. Syst. iii, (2), p. 18, No. 33. (1794).
Hypsa heliconia, var. *a*, Walker, Cat. Lep. Het. B. M. ii, p. 452, (1854).

I. M., Sibsagar (Peal), Sikkim (purchased), Cachar, (Wood-Mason).
Collection Swinhoe, Sikkim, Rangoon.

523. HYPSA PERSECTA.

Hypsa persecta, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.
———— Moore, Lep. Ceyl. ii, p. 51, pl. 100, figs. 1, 1*a*, (1882).

I. M., Sikkim, Khurdha (deNiceville).
Also recorded from Ceylon.
Allied to *H. plana*.

524. HYPSA PLANA.

Hypsa plana, Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854).

Sylhet, Ceylon, Java.

525. Hypsa silvandra.

Phalæna silvandra, Cramer, Pap. Exot. iv, pl. 369, fig. D, (1781).
Hypsa silvandra, Hübn. Verz. Bek. Schmett., p. 172, (1816).
———————Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854).
——————— *loc. cit.* vii, p. 1674, (1856).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

I. M., Sibsagar (Peal).
Collection Swinhoe, Upper Tenasserim.
Also recorded from Coromandel, Sylhet, Hongkong, and Australia.

526. Hypsa subsimilis.

Hypsa subsimilis, Walker, Cat. Lep. Het. B. M. xxxi, p. 212, (1864).
——————— Moore, Proc. Zool. Soc. Lond. (1878), p. 847.

Singapore, Tenasserim.

527. Hypsa venalba.

Hypsa venalba, Moore, Proc. Zool. Soc. Lond. 1877, p. 598.

I. M., Nicobar Is. (Cadell and deNiceville).
Collection Swinhoe, Nicobar Is.
Also recorded from Andaman Is.

Genus **Damalis.**

528. Damalis alciphron.

Phalæna alciphron, Cramer, Pap. Exot. ii, pl. 133, fig. E, (1777).
Noctua caricæ, Fabr., Ent. Syst. iii, 2, p. 27, 63, (1794).
——————— Donovan, Epit. Ins. New. Holl., pl. 39, fig. 2, *
Hipocrita (vulgaris) caricæ, Hübn., Samml. Exot. Schmett. 1, pl. 191, figs. 1-4, (1806). *
Damalis caricæ, Hübn., Verz. Bek. Schmett., p. 172, (1816).
Hypsa (Damalis) caricæ, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854).
——————— *loc. cit.*, vii, p. 1675, (1856).
Hypsa alciphron, Moore, Cat. Lep. Mus. E. I. C. ii, p. 292, pl. 13, figs. 6, 6*a*, (1859).
Hypsa caricæ, Snellen, Tijd. Ent. xx, p. 6, (1877).
Damalis alciphron, Moore, Proc. Zool. Soc. Lond. 1877, p. 598; and 1878, p. 847.
——————— Lep. Ceyl. ii, p. 52, pl. 102, figs. 1, 1*a*, 1*b*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Kulu (purchased) Andaman Is. (purchased).
Collection Swinhoe, Andamans, Bombay.
Also recorded from Tenasserim, Penang, Ceylon, Amboina, Ceram, New Guinea, Java.

529. Damalis andamana.

Hypsa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 598, pl. 59, fig. 5.

I. M., Andaman Is. (purchased).

530. Damalis concana.

Damalis concana, Moore, Proc. Zool. Soc. Lond. 1878, p.
——————— Waterhouse, Aid, ii, pl. 132, fig. 7. *

Canara.
Allied to *D. alciphron*.

531. Damalis egens.

Hypsa (*Damalis*) *egens*, Walker, Cat. Lep. Het. B. M. ii, p. 453, (1854).
Aganais egens, Snellen, Tijd. Ent. xxii, p. 80, pl. 7, fig. 4, (1879).
Damalis egens, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 8, (1881).

I. M., Buxa (Moti Ram), Sikkim (Barnes), Sibsagar (Peal).
Collection Swinhoe, Assam, Rangoon.
Also recorded from Sylhet, Moulmein, and Java.

532. Damalis javana.

Phalæna javana, Cramer, Pap. Exot. iii, pl. 274, fig. C, (1780).
Hypsa javana, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854).

Java, E. Indies.

533. Damalis nebulosa.

Damalis nebulosa, Butler, Trans. Ent. Soc. Lond. 1875, p. 322.

Andaman Is., Sarawak.

534. Damalis plaginota.

Hypsa plaginota, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.
Damalis plaginota, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.
——————— Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 7, (1881).

I. M., Sylhet, Kulu (purchased), Cachar (Wood-Mason), Sibsagar, Sikkim (Barnes), Buxa (Moti Ram).
Collection Swinhoe, Simla, Sikkim, Kulu.
Also recorded from Tenasserim.
Allied to *D. alciphron*.

535. Damalis producta.

Hypsa producta, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.
Damalis producta, Moore, Lep. Ceyl. ii, p. 52, pl. 101, figs. 1, 1*a*, (1882).

Collection Swinhoe, Ceylon.

536. Damalis sericea.

Hypsa sericea, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.
Damalis sericea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

Collection Swinhoe, Poona, Bombay.
Also recorded from Kanara.

537. DAMALIS STRIGIVENATA.

Damalis strigivenata, Butler, Trans. Ent. Soc. Lond. 1875, p. 321.
———————— Ann. Mag. N. H. (5), V, p. 223, (1880).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Tavoy (Moti Ram), Perak (purchased).
Collection Swinhoe, Calicut, Belgaum, Poona, Bombay.
Allied to *D. alciphron*.

Genus **Lacides.**

538. LACIDES FICUS.

Noctua ficus, Fabr., Ent. Syst. iii, 2, p. 27, 62, (1794).
Damalis ficus, Hübn. Verz. Bek. Schmett, p. 172, 1781, (1816).
Hypsa (*Lacides*) *ficus*, Walker, Cat. Lep. Het. B. M. ii, p. 456, (1854).
Hypsa ficus, Moore, Cat. Lep. Mus. E. I. C. ii, p. 293, pl. 13, figs. 8, 8*a*, (1859).
Lacides ficus, Moore, Lep. Ceyl. ii, p. 53, pl. 100, fig. 2, (1882).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
———————— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Allahabad (Dobson), Kulu (purchased).
Collection Swinhoe, Simla, Mhow, Poona, Belgaum, Bombay, Karachi, Mahableshwar.
Also recorded from Tranquebar, Kanara, and Ceylon.

Genus **Anagnia.**

539. ANAGNIA SUBFASCIA.

Hypsa (*Anagnia*) *subfascia*, Walker, Cat. Lep. Het. B. M. ii, p. 446, (1854).
Anagnia subfascia, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.

Collection Swinhoe, N. India.
Also recorded from Tenasserim.

Genus **Philona.**

540. PHILONA CINERASCENS.

Hypsa (*Philona*) *cinerascens*, Moore, Proc. Zool. Soc. Lond. 1877, p. 598, pl. 59, fig. 6.

I. M., Andaman Is. (purchased).
Collection Swinhoe, Upper Tenasserim, South Andamans.

541. PHILONA INOPS.

Hypsa (*Philona inops*), Walker, Cat. Lep. Het. B. M. ii, p. 457, (1854).
Philona inops, Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
———————— Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 6 (1881).

I. M., Sibsagar (Peal), Cachar (Wood-Mason).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

Genus **Calpenia.**

542. CALPENIA KHASIANA.

Calpenia khasiana, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.
————————Descr. Ind. Lep. Atk. i, p. 22, (1879).

Khasi Hills.

543. Calpenia saundersi.

Calpenia saundersi, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 1.
India.

Genus **Agrisius.**

544. Agrisius fuliginosus.

Agrisius fuliginosus, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 3.
India.

545. Agrisius guttivitta.

Agrisius guttivitta, Walker, Cat. Lep. Het. B. M. iii, p. 723, (1854).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
————————Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 2, (1881).
Collection Swinhoe, Sikkim.

Genus **Migoplastis.**

546. Migoplastis correcta.

Hypsa correcta, Walker, Cat. Lep. Het. B. M. xxxi, p. 217, (1864).
Migoplastis ceylanica, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285, (1868).
Migoplastes ceylonica (sic), Moore, Lep. Ceyl. ii, p. 54, pl. 100, fig. 5, (1882).
Pachyphilona correcta, Butler, Trans. Ent. Soc. Lond. 1875, p. 325.
Ceylon.

Genus **Digama.**

547. Digama fasciata.

Digama fasciata, Butler, Trans. Ent. Soc. Lond. 1877, p. 362.
————————Moore, Lep. Ceyl. ii, p. 55, pl. 100, fig. 4, (1882).
Ceylon.

548. Digama figurata.

Digama figurata, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.
Collection Swinhoe, North Kanara, Bombay, Khandalla, Mahableshwar.
Also recorded from Burma.

549. Digama hearseyana.

Digama hearseyana, (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. 7*a*, fig. 3*a*, (1859).
———————— Walker, Cat. Lep. Het. B.M. xxxi, p. 238, 1864.
———————— Butler, Trans. Ent. Soc. Lond. 1877, p. 363.
———————— Moore, Proc. Zool. Soc. Lond. 1878, p. 4.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
I. M., Kulu (purchased).
Collection Swinhoe, Simla, Mirzapore, Sikkim, Campbellpur Bombay, Poona.
Also recorded from Allahabad, Manpuri, Dehra, Kanara, and Ceylon.

550. DIGAMA INSULANA.

Digama insulana, Felder, Verh. Zool. Bot. Ges. Wien. xviii, p. 285, (1868).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 363.
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 5.
——————— Lep. Ceyl. ii, p. 54, pl. 100, fig. 3, (1882).
Digama hearseyana (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. vii *a*, fig. 3, (1859).

Collection Swinhoe, Ceylon.
Also recorded from India.

551. DIGAMA MARCHALII.

Callimorpha marchalii, Guer., Voy. Deless. Hist. Nat., p. 91, pl. 26, fig. 2, (1843).
Hypercompa marchalii, Walker, Cat. Lep. Het. ii, p. 656, (1855).
Digama marchalii, Butler, Trans. Ent. Soc. Lond. 1877, p. 363.

Nilgiri Hills.

552. DIGAMA NEBULOSA.

Digama nebulosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 238, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 362.

India.

553. DIGAMA SIMILIS.

Digama similis, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.

N.-W. Himalayas.

Sub-Family LITHOSIINÆ.

Genus **Macrobrochis.**

554. MACROBROCHIS ALBICANS.

Macrobrochis albicans, Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 5, (1881)

Bhotan.
Allied to *M. leucospilota*.

555. MACROBROCHIS ATRATA.

Lithosia gigas (*var.* ♂), Walker, Cat. Lep. Het. B. M. vii, p. 1681, (1855).
Macrobrochis atrata, Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 3, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Sylhet.

556. MACROBROCHIS GIGAS.

Lithosia gigas, ♂, Walker, Cat. Lep. Het. B. M. ii, p. 494, (1854); and vii, p. 1681, (1856).
Macrobrochis interstitialis, Herr Schäff, Lep. Exot., pl. 72, fig. 531, (1856).*
Macrobrochis gigas, Walker, *loc. cit.* xxxi, p. 223, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 7.
——————— Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 4, (1881).

I. M., Sikkim (Barnes and Elwes).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

557. MACROBROCHIS LEUCOSPILOTA.

Macrobrochis leucospilota, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.
Cherrapunji.

558. MACROBROCHIS NIGRESCENS.

Macrobrochis nigrescens, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.
N.-E. Bengal.
Allied to *M. gigas*.

Genus **Eligma.**

559. ELIGMA NARCISSUS.

Phalæna narcissus, Cramer, Pap. Exot. i, pl. 73, figs. E, F, (1775).
Eligma narcissus, Moore, Proc. Zool. Soc. Lond. 1878, p. 7.
Collection Swinhoe, Madras.
Also recorded from Penang, China, and Java.

Genus **Tripura.**

560. TRIPURA PRASENA.

Tripura prasena, Moore, Cat. Lep. Mus. E. I. C. ii, p. 299, pl. 7*a*, fig. 6, (1859).
——————— Proc. Zool. Soc. Lond. 1878, p. 8.
I. M., Naga Hills.
Also recorded from the Himalayas.

Genus **Sidyma.**

561. SIDYMA ALBIFINIS.

Sidyma albifinis, Walker, Cat. Lep. Het. B. M. vii, p. 1686, (1856).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 360.
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 9.
Collection Swinhoe, Simla.
Also recorded from Mussooree.

662. SIDYMA APICALIS.

Sidyma apicalss, Moore, Proc. Zool. Soc. Lond. 1878, p. 9, pl. 1, fig. 11.
——————— Descr. Ind. Lep. Atk. i, p. 22, (1879).
Darjiling.

Genus **Vamuna.**

563. VAMUNA BIPARS.

Vamuna bipars, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 11.
——————— Descr. Ind. Lep. Atk. i, p. 23, (1879).
Darjiling.

564. VAMUNA MACULATA.

Vamuna maculata, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 5.
——————— Descr. Ind. Lep. Atk. 1, p. 23, (1879).
Darjiling.

565. VAMUNA REMELANA.

Lithosia remelana, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).
Crambomorpha, remelana, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.
Vamuna remelana, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.
Collection Swinhoe, North Khasi Hills, Sikkim.

Genus **Crambomorpha.**

566. CRAMBOMORPHA BINOTATUM.

Camptoloma binotatum, Butler, Ann. Mag. N. H. (5), vii, p. 35, (1881).

Assam.

Genus **Paraona.**

567. PARAONA SPLENDENS.

Crambomorpha splendens, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.
Paraona splendens, Moore, Proc. Zool. Soc. Lond. 1878, p. 8, pl. 1, fig. 1.

Bombay.

Genus **Chrysæglia.**

568. CHRYSÆGLIA FERRIFASCIATA.

Chrysæglia ferrifasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1, fig. 6.

I. M., Naga Hills, Sibsagar, Sikkim (Barnes).
Collection Swinhoe, Sikkim.
Also recorded from Nepal.

569. CHRYSÆGLIA MAGNIFICA.

Lithosia magnifica, Walker, Journ. Linn. Soc. Lond. vi, p. 103.
Chrysæglia magnifica, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
——— Moore, Proc. Zool. Soc. Lond. 1878, p. 13.

I. M., Cherra.
Collection Swinhoe, Simla.
Also recorded from Borneo.

Genus **Œnistis.**

570. ŒNISTIS ENTELLA.

Phalæna entella, Cramer, Pap. Exot. iii, pl. 208, fig. D, (1779).
Œonistis entelleola, Hübn. Verz Bek. Schmett., p. 165, (1816).
Lithosia entella, Walker, Cat. Lep. Het. B. M. ii, p. 495, (1854).
Crambomorpha entella, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
Œnistis entella, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, and p. 847.
——— Lep. Ceyl. ii, p. 55, pl. 101, fig. 2, (1882).

Collection Swinhoe, Bombay, Khandalla, Ceylon.

Also recorded from Tenasserim and Sarawak.

Genus **Mahavira.**

571. MAHAVIRA FLAVICOLLIS.

Mahavira flavicollis, Moore, Proc. Zool. Soc. Lond. 1878, p. 11, pl. 1, fig. 3.
——————— Descr. Ind. Lep. Atk. i, p. 24, (1879).

Darjiling.

Genus **Korawa.**

572. KORAWA PALLIDA.

Korawa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 12.
——————— Descr. Ind. Lep. Atk. 1, p. 25, (1879.)

Darjiling.

Genus **Hesudra.**

573. HESUDRA DIVISA.

Hesudra divisa, Moore, Proc. Zool. Soc. Lond. 1878, p. 12, pl. 1, fig. 4.
——————— Descr. Ind. Lep. Atk. 1, p. 26, (1879).

Darjiling.

Genus **Ghoria.**

574. GHORIA ALBOCINEREA.

Ghoria albocinerea, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1. fig. 10.
——————— Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Darjiling.

575. GHORIA SERICEIPENNIS.

Ghoria sericeipennis, Moore, Proc. Zool. Soc. Lond. 1878, p. 13.
——————— Descr. Ind. Lep, Atk. 1, p. 27, (1879).

Collection Swinhoe, Sikkim.

Genus **Tarika.**

576. TARIKA NIVEA.

Lithosia nivea, Walker, M.S.
Tarika nivea, Moore, Proc. Zool. Soc. Lond. (1878), p. 15.
——————— Descr. Ind. Lep. Atk. 1, p. 27, (1879).

Darjiling.

577. TARIKA VARANA.

Lithosia varana, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 353.
Tarika varana, Moore, *loc. cit.* 1878, p. 15, pl. 1, fig. 8.

Darjiling.

Genus **Collita.**

578. COLLITA LILACINA.

Collita lilacina, Moore, Proc. Zool. Soc. Lond. 1878, p. 16.

Yunan.

579. COLLITA PARVA.

Collita parva, Moore, Proc. Zool. Soc. Lond. 1878, p. 16, pl. 1, fig. 13.
Darjiling.

Genus **Katha.**

580. KATHA BREVIPENNIS.

Lithosia brevipennis, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).
——— Butler, Trans. Ent. Soc. Lond. 1877, p. 351.
Katha brevipennis, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.
——— Lep. Ceyl. ii, p. 56, pl. 101, fig. 4, (1882).
S. India, Ceylon.

581. KATHA CUCULLATA.

Katha cucullata, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.
Andaman Is.

582. KATHA INTERMIXTA.

Lithosia (*Macrobrochis*) *intermixta*, Walker, Cat. Lep. Het. B. M. xxxi p. 229, (1864).
Lithosia intermixta, Butler, Trans. Ent. Soc. Lond. 1877, p. 351.
——— Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
Katha intermixta, Moore, *loc. cit.* 1878, p. 17.
S. India, Andaman Is.

583. KATHA NIGRIFRONS.

Lithosia nigrifrons, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.
Katha nigrifrons, Moore, *loc. cit.* 1878, p. 17, pl. 1, fig. 15.
N. India.

584. KATHA TERMINALIS.

Katha terminalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 17, pl. 1, fig. 14.
——— Descr. Ind. Lep. Atk. i, p. 28, (1879).
Darjiling.

Genus **Manulea.**

585. MANULEA CALAMARIA.

Manulea calamaria, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.
N.-W. Himalayas.

Genus **Systropha.**

586. SYSTROPHA AURIFLUA.

Systropha auriflua, Moore, Proc. Zool. Soc. Lond. 1878, p. 18, pl. 2, fig. 7.
Manpuri, N.-W. India.

587. Systropha dorsalis.

Systropha dorsalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.
——————— Descr. Ind. Lep. Atk. 1, p. 28, (1879).

Darjiling.

Genus **Capissa.**

588. Capissa auriflava.

Capissa auriflava, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

Nepal.
Allied to *C. vagesa*.

589. Capissa fasciata.

Capissa fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 4.
——————— Lep. Ceyl. ii, p. 57, pl. 102, fig. 2, (1882).

Ceylon.

590. Capissa flavens.

Capissa flavens, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Kashmir.

591. Capissa innotata.

Lithosia innotata, Walker, M.S.
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 352.
Capissa innotata, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 2.

Nepal, N.-W. Himalayas.

592. Capissa nigripars.

Lithosia nigripars, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).
Capissa nigripars, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

N. India.

593. Capissa pallens.

Capissa pallens, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 3.
——————— Descr. Ind. Lep. Atk. i, p. 28, (1879).

Darjiling.

594. Capissa vagesa.

Lithosia vagesa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 304, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 677.
Macrobrochis (*Lithosia*) *vagesa*, Walker, Cat. Lep. Het B. M. xxxi, p. 226, (1864).
Capissa vagesa, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

I. M., Kulu (purchased).
Collection Swinhoe, Simla, Sikkim, Kulu.
Also recorded from the Khasi Hills.

Genus **Dolgoma.**

595. DOLGOMA ANGULIFERA.

Lithosia angulifera, Felder, Reise Novara Lep., pl. 106, fig. 12, (1864-75).
Dolgoma angulifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Darjiling.

596. DOLGOMA BRUNNEA.

Dolgoma brunnea, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 8.
——————— Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

597. DOLGOMA OBLITTERANS.

Lithosia oblitterans, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285, (1868).
Dolgoma oblitterans, Moore, Lep. Ceyl. ii, p. 57, (1882).

Ceylon.

598. DOLGOMA RETICULATA.

Lithosia reticulata, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 354.
Dolgoma reticulata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Collection Swinhoe, Sikkim.

Genus **Mithuna.**

599. MITHUNA QUADRIPLAGA.

Mithuna quadriplaga, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 9.
——————— Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

Genus **Cossa.**

600. COSSA BASIGERA.

Cossa basigera, Walker, Cat. Lep. Het. B. M. xxxi, p. 233, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 349.
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 21.

S. India.

601. COSSA BRUNNEA.

Cossa brunnea, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 11.
——————— Descr. Ind. Lep. Atk. i, p. 30, (1879).

Darjiling.

602. COSSA INDUCTA.

Lithosia (*Macrobrochis*) *inducta*, Walker, Cat. Lep. Het. B. M. xxxi, p. 232, (1864).
Cossa inducta, Butler, Trans. Ent. Soc. Lond. 1877, p. 349.

S. India.

603. Cossa nubecula.

Cossa nubecula, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.
Andaman Is.

604. Cossa quadrisignata.

Cossa quadrisignata, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 10.
——————— Descr. Ind. Lep. Atk. 1, p. 30, (1879).
Darjiling.

605. Cossa pallida.

Cossa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 21.
Dharmsala.

Genus **Ranghana.**

606. Ranghana punctata.

Ranghana punctata, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 12.
——————— Descr. Ind. Lep. Atk. i, p. 30 (1879).
Calcutta.

Genus **Tegulata.**

607. Tegulata basistriga.

Tegulata basistriga, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 5.
——————— Descr. Ind. Lep. Atk. i, p. 31, (1879).
——————— Lep. Ceyl. ii, p. 58, pl. 102, fig. 3, (1882).
Ceylon.

608. Tegulata protuberans.

Tegulata protuberans, Moore, Proc. Zool. Soc. Lond. 1878, p. 23, pl. 2, fig. 6.
——————— Descr. Ind. Lep. Atk. i, p. 31, (1879).
Darjiling.

Genus **Nishada.**

609. Nishada flabrifera.

Nishada flabrifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 23.
——————— Descr. Ind. Lep. Atk. i, p. 32, (1879).
Calcutta.

Genus **Teulisna.**

610. Teulisna sordida.

Teulisna sordida, Butler, Ill. Typ. Lep. Het. B. M. v, p. 39, pl. 86, fig. 15, (1881).
Darjiling.

611. Teulisna tenuisigna.

Teulisna tenuisigna, Moore, Proc. Zool. Soc. Lond. 1878, p. 24, pl. 2, fig. 13.
Sikkim.

612. TEULISNA TETRAGONA.

Lithosia tetragona, Walker, Cat. Lep. Het. B. M. 2, p. 510, (1854).
Teulisna tetragona, Butler, Trans. Ent. Soc. Lond. 1877, p. 355.
———— Ill. Typ. Lep. Het. B. M. v, p. 39, pl. 86, fig 14, (1881).

Sylhet.

Genus **Gandhara.**

613. GANDHARA SERVA.

Lithosia serva, Walker, Cat. Lep. Het. B. M. ii, p. 506, (1854).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 350.
Gandhara serva, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 7.

I. M., Kulu (purchased).
Also recorded from Darjiling and Nepal.

Genus **Simareea.**

614. SIMAREEA BASINOTA.

Lithosia basinota, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).
Œnistis basinota, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
Simareea basinota, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, pl. 1, fig. 16.

Collection Swinhoe, Darjiling.

Genus **Churinga.**

615. CHURINGA BEEMA.

Lithosia beema, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).
Crambomorpha beema, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
Churinga beema, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

616. CHURINGA RUFIFRONS.

Churinga rufifrons, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 1
———— Descr. Ind. Lep. Atk. i, p. 25, (1879).

Darjiling.

Genus **Lithosia.**

617. LITHOSIA COLON.

Lithosia colon, Moschler, Stett. Ent. Zeit. 1872, p. 353.

Sylhet.

618. LITHOSIA CONFORMIS.

Lithosia conformis, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).
———— Butler, Trans. Ent. Soc. Lond, 1877, p. 352.

N. India.

619. Lithosia disjuncta.

Lithosia disjuncta, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).
Darjiling.

Genus **Zadadra.**

620. Zadadra distorta.

Lithosia distorta, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.
Zadadra distorta, Moore, *loc. cit.* 1878, p. 25, pl. 2, fig. 15.
Darjiling.

Genus **Prabhasa.**

621. Prabhasa flavicosta.

Prabhasa flavicosta, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 17.
——————— Descr. Ind. Lep. Atk. i, p. 33, (1879).
Cherrapunji.

622. Prabhasa venosa.

Prabhasa venosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 16.
——————— Descr. Ind. Lep. Atk. i, p. 32, (1879).
Collection Swinhoe, Darjiling.

Genus **Gampola.**

623. Gampola fasciata.

Gampola fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 2, fig. 18.
——————— Lep. Ceyl. ii, p. 58, pl. 102, figs. 4, 4*a*, (1882).
Collection Swinhoe, Ceylon.

Genus **Brunia.**

624. Brunia antica.

Lithosia antica, Walker, Cat. Lep. Het. B. M. ii, p. 505, (1854).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 349.
Brunia antica, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 9.
——————— Lep. Ceyl. ii, p. 56, pl. 101, fig. 3, (1882).
Collection Swinhoe, Ceylon.
Also recorded from the Andaman Is.

625. Brunia chota.

Brunia chota, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 11,
Collection Swinhoe, Poona.

Genus **Chrysorabdia.**

626. Chrysorabdia bivitta.

Lithosia bivitta, Walker, Cat. Lep. Het. B. M. vii, p. 1682, (1856).
India.

627. CHRYSORABDIA STRIGATA.

Gnophria (*Œnistis*) *strigata*, Möschler, Stett. Ent. Zeit. 1872, p. 353.
Chrysorabdia strigata, Butler, Trans. Ent. Soc. Lond. 1877, p. 358.

I. M., Sikkim.
Also recorded from Sylhet.

628. CHRYSORABDIA VIRIDATA.

Lithosia (*Macrobrochis*) *viridata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 225, (1864); and xxxv, p. 1882,(1866).
Chrysorabdia viridata, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 1.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Atolmis.**

629. ATOLMIS QUADRIMACULATA.

Gnophria quadrimaculata, Möschler, Stett. Ent. Zeit. 1872, p. 352.

Sylhet.

Genus **Hypoprepia.**

630. HYPOPREPIA (?) HÆMATOPUS.

Hypoprepia (*?*) *hæmatopus*, Felder, Reise Novara, Lep, pl. 193, figs. 54, 55, (1864-75).

Assam.

Genus **Grotea.**

631. GROTEA ELEGANS.

Grotea elegans, Moore, Proc. Zool. Soc. Lond. 1865, p. 797, pl. 43, fig. 1.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1888, (1866).

Darjiling.

Genus **Miltochrista.**

632. MILTOCHRISTA STRAMINEA.

Miltochrista straminea, Walker, Cat. Lep. Het. B. M. vii, p. 1685, (1856).

India.

633. MILTOCHRISTA TESSELLATA.

Miltochrista tessellata, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12.

Darjiling.

Genus **Cydosia.**

634. CYDOSIA PUNCTELLA.

Tinea punctella, Cramer, Pap. Exot. iv, pl. 372, fig. L, (1781).
Crameria subtilis, Hubn., Verz. Bek. Schmett, p. 168, (1816).
Cydosia punctella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1894, (1866).

Himalayas, Brazil.

Genus **Charilina.**

635. CHARILINA INO.

Phalæna ino, Drury, Exot. Ins. iii, p. 39, pl. 29, fig. 3, (1782).
Lithosia ino, Westw., Ed. Drury, iii, p. 40, pl. 29, fig. 3, (1837).*
Charilina ino, Walker, Cat. Lep. Het. B. M. ii, p. 561, (1854).

Madras.

Genus **Sesapa.**

636. SESAPA ANDAMANA.

Sesapa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 345.
I. M., Andaman Is. (purchased).
Collection Swinhoe, Andamans.

637. SESAPA DECURRENS.

Sesapa decurrens, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).
I. M., a doubtful specimen with no history.
Recorded from Darjiling.
Allied to *S. excurrens*.

638. SESAPA EXCURRENS.

Sesapa excurrens, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 344.
Collection Swinhoe, Khasi Hills, Sikkim.
Also recorded from Cherrapunji.

639. SESAPA UNDULOSA.

Cyllene undulosa, Walker, Cat. Lep. Het. B. M. ii, p. 545, (1854).
Lyclene undulosa, Walker, *loc. cit.* xxxi, p. 246, (1864).
Sesapa undulosa, Butler, Trans. Ent. Soc. Lond. 1877, p. 344.
Moulmein.

Genus **Rœselia.**

640. RŒSELIA PASCUA.

Rœselia pascua, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 6.
Collection Swinhoe, Bombay, Poona.

Genus **Padenia.**

641. PADENIA TRANSVERSA.

Cyllene transversa, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854).
Lyclene transversa, Walker, *loc. cit.* xxxi, p. 246, (1864).
Lithosia bifasciata, Felder, Reise Novara Lep., pl. 106, fig. 11, (1864-75).
Pallene transversa, Butler, Trans. Ent. Soc. Lond. 1877, p. 333.
Padenia transversa, Moore, Lep. Ceyl. ii, p. 59, pl. 103, fig. 1, (1882).
I. M., Andaman Is. (purchased).
Collection Swinhoe, Ceylon, Andaman Is.

Genus **Nepita.**

642. NEPITA ÆGROTA.

Nepita ægrota, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.
India.

643. NEPITA ANILA.

Nepita anila, Moore, Cat. Lep. Mus. E. I. C. ii, p. 302, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxi, p. 240, (1864).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 335.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
Pitane lydia, var. Walker (*nec* Donovan), Cat. Lep. Het. B. M. ii, p. 532, (1854).

Collection Swinhoe, Belgaum, Poona, Bombay.
Also recorded from Bengal.

644. NEPITA CONFERTA.

Pitane conferta, Walker, Cat. Lep. Het. B. M. ii, p. 533, (1854).
Nepita conferta, Walker, *loc. cit.* xxxi, p. 240, (1864).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 336.
———— Moore, Lep. Ceyl. ii, p. 66, pl. 104, figs. 7, 7*a*, 7*b*, 7*c*, 7*d*, (1882).
Nepita signata, Walker, *loc. cit.* xxxi, p. 240, (1864).

I. M., Poona (Murray).
Collection Swinhoe, Ceylon.

645. NEPITA FRIGIDA.

Doliche frigida, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854).
Nepita frigida, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Moulmein, Sarawak.

646. NEPITA HILARIS.

Doliche hilaris, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854).
Nepita hilaris, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
Adites hilaris, Moore, Lep. Ceyl. ii, p. 61, pl. 104, fig. 6, (1882).

Collection Swinhoe, Ceylon.

647. NEPITA LIMBATA.

Nepita limbata, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

N. India.

648. NEPITA OCHRACEA.

Nepita ochracea, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

S. India.

649. NEPITA SEMIFASCIA.

Setina semifascia, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).
Nepita semifascia, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
Lyclene semifascia, Moore, Lep. Ceyl. ii, p. 63, pl. 103, fig. 7, (1882).

Collection Swinhoe, Bombay, Khandalla.
Also recorded from Ceylon.

Genus **Setina**.

650. SETINA DHARMA.

Setina dharma, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

N.-W. Himalayas.

651. Setina discisigna.

Setina discisigna, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.
——————— Descr. Ind. Lep. Atk. i, p. 37, (1879).

Cherra.

652. Setina nebulosa.

Setina nebulosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.
——————— Descr. Ind. Lep. Atk. i, p. 37, (1879).

Darjiling.

653. Setina punctilinea.

Setina punctilinea, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.
——————— Lep. Ceyl. ii, p. 64, pl. 103, fig. 9, (1882).

Ceylon.

Genus **Doliche.**

654. Doliche gelida.

Doliche gelida, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
——————— Ill. Typ. Lep. Het. B. M. v, p. 36, pl. 86, fig. 6, (1881).

I. M., Sikkim (deNiceville).
Also recorded from Sylhet.

Genus **Cyana.**

655. Cyana detrita.

Cyana detrita, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
——————— Ill. Typ. Lep. Het. B. M. v, p. 37, pl. 86, fig. 9, (1881).

I. M., Sikkim, Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Sylhet.

Genus **Bizone.**

656. Bizone alborosea.

Lithosia (*Macrobrochis*) *alborosea*, Walker, Cat. Lep. Het. B. M. xxxi, p. 230, (1864).
Bizone alborosea, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

N. India.

657. Bizone amabilis.

Bizone amabilis, Moore, Proc. Zool. Soc. Lond. 1877, p. 597, pl. 59, fig. 2.
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Andaman Is.

658. Bizone arama.

Bizone arama, Moore, Cat. Lep. Mus. E. I. C. ii, p. 306, pl. 7*a*, fig. 10, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Cherra.
Also recorded from Darjiling.

659. BIZONE BELLISSIMA.

Bizone bellissima, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 3, fig. 13.

Mussooree.

660. BIZONE BIANCA.

Bizone bianca, Walker, Cat. Lep. Het. vii, p. 1684, (1856).
———— Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Andaman Is. (purchased), Sikkim.

661. BIZONE COCCINEA.

Bizone coccinea, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 14.

I. M., Sikkim (purchased).

662. BIZONE DIVAKARA.

Barsine divakara, Moore, Proc. Zool. Soc. Lond. 1865, p. 798, pl. 43, fig. 9.
Bizone divakara, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Collection Swinhoe, Darjiling.

663. BIZONE EFFRACTA.

Barsine effracta, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854).
Bizone effracta, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Nepal.

664. BIZONE FASCICULATA.

Bizone fasciculata, Walker, Cat. Lep. Het. vii, p. 1684, (1856).
Bizone adita, Moore, Cat. Lep. Mus. E. I. C. ii, p. 396, pl. 7*a*, fig. 11, (1859).
————Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

I. M., Kulu (purchased), N. Khasi, Sikkim.
Collection Swinhoe, Darjiling.
Allied to *B. signa*.

665. BIZONE GAZELLA.

Bizone gazella, Moore, Proc. Zool. Soc. Lond. 1872, p. 572, pl. 33, fig. 4.

I. M., Sikkim (purchased).
Collection Swinhoe, Dharmsala.
Also recorded from Mussooree.

666. BIZONE GUTTIFERA.

Bizone guttifera, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

I. M., Andaman Is., var. (purchased).
Collection Swinhoe, Darjiling, Matheran, Khandalla.
Also recorded from Landaur.

667. Bizone pallens.

Bizone pallens, Butler, Trans. Ent. Soc. Lond. 1877, p. 338.
———— Ill. Typ. Lep. Het. v, p. 36, pl. 86, fig. 7, (1881).

I. M., Sikkim.
Also recorded from Moulmein and Sylhet.

668. Bizone peregrina.

Bizone peregrina, Walker, Cat. Lep. Het. B. M. ii, p. 551, (1854).
————Butler, Trans. Ent. Soc. Lond. 1877, p. 338.

I. M., Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Ceylon, S. India, Sylhet, Nepal, and Hongkong.

669. Bizone perornata.

Bizone perornata, Walker, Cat. Lep. Het. B. M. ii, p. 548, (1854).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.
———— Ill. Typ. Lep. Het. v, p. 37, pl. 86, fig. 8, (1881).

I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet, Sarawak, and Java.

670. Bizone puella.

Phalæna puella, Drury, Ins. Exot. ii, p. 3, pl. 2, fig. 2, (1773).
Deiopeia puella, Westw., Ed. Drury, ii, p. 3, pl. 2, fig. 2, (1837).*
Bizone puella, Walker, Cat. Lep. Het. B. M. ii, p. 549, (1854).
————Moore, Cat. Lep. Mus. E.I.C. ii, p. 305, pl. 13, figs. 13, 13*a*, (1859).
————Butler, Trans. Ent. Soc. Lond. 1877, p. 338.
————Snellen, Tijd. Ent. xx, p. 7, (1877).
————Moore, Lep. Ceyl. ii, p. 60, pl. 103, figs. 3, 3*a*, (1882).
————Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 293.

I. M., Ceylon.
Collection Swinhoe, Ceylon, Bombay, Mahableshwar.
Also recorded from Nepal and Java.

671. Bizone quadrinotata.

Bizone quadrinotata, Walker, Char. Undescr. Lep. Het., p. 90, (1869).

Benares.

672. Bizone signa.

Bizone signa, Walker, Cat. Lep. B. M. ii, p. 550, (1854).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Sylhet.

673. Bizone subornata.

Bizone subornata, Walker, Cat. Lep. Het. B. M. ii, p. 550, (1854).
————Butler, Trans. Ent. Soc. Lond. 1877, p. 339.
————Moore, Lep. Ceyl. ii, p. 60, pl. 103, fig. 4, (1882).

Collection Swinhoe, North Canara.
Also recorded from Ceylon.

674. Bizone triguttata.

Bizone triguttata, Walker, Char. Undescr. Lep. Het., p. 89, (1869).
Benares.

Genus **Lyclene.**

675. Lyclene arcuata.

Lyclene arcuata, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 5, (1882).
Ceylon.

676. Lyclene artocarpi.

Lyclene artocarpi, Moore, Proc. Zool. Soc. Lond. 1878, p. 30.
——————— Descr. Ind. Lep. Atk. i, p. 33, (1879).
Darjiling.
Allied to *L. humilis*.

677. Lyclene assamica.

Lyclene assamica, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 8.
——————— Descr. Ind. Lep. Atk. i, p. 34, (1879).
Dibrugarh, Assam.

678. Lyclene congerens.

Cymella congerens, Felder, Reise Novara Lep iv, pl. 106, fig. 14, (1864-75).
Lyclene congerens, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
N. India.

679. Lyclene delicata.

Lyclene delicata, Moore, Proc. Zool. Soc. Lond. 1878, p. 31.
Darjiling.
Allied to *L. radians*.

680. Lyclene discistriga.

Lyclene discistriga, Moore, Proc. Zool. Soc. Lond. 1878, p. 3 .
Darjiling.

681. Lyclene humilis.

Cyllene humilis, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854).
Lyclene humilis, Walker, *loc. cit.* xxxi, p. 246, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
Moulmein.

682. Lyclene ila.

Lyclene ila, Moore, Cat. Lep. Mus. E. I. C. ii, p. 300, (1859).
——————— Lep. Ceyl. ii, p. 63, pl. 103, fig. 6, (1882).
Ceylon, Canara.

683. Lyclene inconspicua.

Lyclene inconspicua, Moore, Proc. Zool. Soc. Lond. 1878, p. 32.

N. India.

684. Lyclene indistincta.

Lyclene indistincta, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 9.
——————— Descr. Ind. Lep. Atk. i, p. 34, (1879).

Darjiling.

685. Lyclene interserta.

Lyclene interserta, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 6.
——————— Descr. Ind. Lep. Atk. 1, p. 34, (1879).

Darjiling.

686. Lyclene nubifascia.

Barsine nubifascia, Walker, Cat. Lep. Het. B. M. xxxi, p. 251, (1864).
Barsine punctifascia, Walker, Char. Undescr. Lep. Het., p. 9, (1869).
Lyclene nubifascia, Butler, Trans. Ent. Soc. Lond. 1887, p. 340.
Miltochrista nubifascia, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86. fig. 11, (1881).

Collection Swinhoe, Sikkim.

687. Lyclene obsoleta.

Lyclene obsoleta, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 7.
——————— Descr. Ind. Lep. Atk. i, p. 33, (1879).

I. M., Sibsagar (Peal).
Also recorded from Darjiling.

688. Lyclene palmata.

Lyclene palmata, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 5.

I. M., Sibsagar (Peal).

689. Lyclene prominens.

Lyclene prominens, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 3.

Cherra, Khasi Hills.

690. Lyclene radians.

Lyclene radians, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 2.
——————— Descr. Ind. Lep. Akt. i, p. 34, (1879).

Darjiling.

691. Lyclene spilosomoides.

Lyclene spilosomoides, Moore, Proc. Zool. Soc. Lond. 1878, p. 33.

N.-W. India.

692. LYCLENE TERMINATA.

Lyclene terminata, Moore, Proc. Zool. Soc. Lond. 1878, p. 33.
Khasi Hills.

693. LYCLENE ZEBRINA.

Lyclene zebrina, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 4.
Calcutta.

Genus **Barsine**.

694. BARSINE COCCINEA.

Barsine coccinea, Moore, Journ. As. Soc. Beng. lv, (2) 1, p. 98, (1886).
I. M., Tavoy (Moti Ram) Type.

695. BARSINE CONJUNCTANA.

Conchylis conjunctana, Walker, Cat. Lep. Het. B. M. xxxv, p. 1788, (1866).
Miltochrista tessellata, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12, (1881).
Barsine conjunctana, Moore, Journ. As. Soc. Beng. liii (2), 3, 1884, p. 235.
I. M.; a diminutive specimen from Cachar (Wood-Mason).
Also recorded from Darjiling.

696. BARSINE DEFECTA.

Barsine defecta, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854), also, xxxi, p. 248, (1884).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
Ammatho cuneonotatus, Walker, Cat. Lep. Het. B. M. iii, p. 759, (1855).
Barsine cuneonotatus, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 10, (1882).
I. M., Goalpara.
Collection Swinhoe, Sikkim.
Also recorded from Nepal and Ceylon.

697. BARSINE FLAMMEALIS.

Barsine flammealis, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 15.
I. M., Sikkim.
Collection Swinhoe, Darjiling, Dharmsala.
Allied to *B. mactans*.

698. BARSINE FLAVIVENOSA.

Barsine flavivenosa, Moore, Proc. Zool. Soc. Lond, 1878, p. 30, pl. 3, fig, 18.
———— Descr. Ind. Lep. Atk. i, p. 36, (1879).
Darjiling.

699. BARSINE GLORIOSA.

Barsine gloriosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 29, pl. 3, fig. 16,
———— Descr. Ind. Lep. Atk. i, p. 35, (1879).
Khasi Hills.

700. Barsine gratiosa.

Euchelia gratiosa, Guer., Voy. Deless. Hist. Nat, p. 90. pl. 26, fig. 1, ( ).
Deiopeia gratiosa, Walker, Cat. Lep. Het. B. M. ii, p. 573, (1854).

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (purchased).

Also recorded from the Nilgiri Hills.

701. Barsine inflexa.

Barsine inflexa, Moore, Proc. Zool. Soc. Lond, 1878, p. 29, pl. 3, fig. 17.
——————— Descr. Ind. Lep. Atk. 1, p. 35, (1879).

Darjiling.

702. Barsine linga.

Barsine linga, Moore, Cat. Lep. Mus. E. I. C. ii, p. 301, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxi, p. 249, (1864).

I. M., Sikkim (Asiatic Soc. Bengal).

Collection Swinhoe, Simla, Sikkim.

703. Barsine mactans.

Barsine mactans, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
Miltochrista mactans, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 13, (1881).

Collection Swinhoe, Darjiling.

704. Barsine pretiosa.

Barsine pretiosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

N.-W. Himalayas.

Allied to *B. gratiosa*.

705. Barsine punicea.

Barsine punicea, Moore, Proc. Zool. Soc. Lond., 1878, p. 29.
——————— Descr. Ind. Lep. Atk. i, p. 36, (1879).

Darjiling.

706. Barsine rubricosa.

Lyclene rubricosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 1.
Barsine rubricosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Collection Swinhoe, Bombay, Khandalla.

707. Barsine suffundens.

Barsine suffundens, Walker, Cat Lep. Het. B. M. xxxi, p. 250, (1864).

S. India.

708. Barsine tripartita.

Barsine tripartita, Walker, Cat. Lep. Het. B. M. xxxi, p. 250, (1864).

India.

709. Barsine trivittata.

Barsine trivittata, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
———————Butler, Trans. Ent. Soc. Lond. 1877, p. 341.

1. M., Andaman Is. (purchased).
Collection Swinhoe, Andamans.

Genus Æmene.

710. Æmene guttulosana.

Tospitis guttulosana, Walker, Cat. Lep. Het. B. M. xxviii, p. 429, (1863).
Æmene guttulosana, Butler, Trans. Ent. Soc. Lond. 1877, p. 373.
——————— Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 3, (1882).

I. M., a specimen with no history.
Collection Swinhoe, N. India.
Also recorded from S. India and Ceylon.

711. Æmene maculifascia.

Æmene maculifascia, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 10.
——————— Descr. Ind. Lep. Atk. i, p. 36, (1872).

Darjiling.

712. Æmene sinuata.

Æmene sinuata, Moore, Proc. Zool. Soc. Lond. 1878, p. 34, pl. 3, fig. 11.
———————Descr. Ind. Lep. Atk. i, p. 36, (1879).

Cherrapunji.

713. Æmene sordida.

Æmene sordida, Butler, Trans. Ent. Soc. Lond. 1877, p. 372.
——————— Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 4, (1882).

S. India, Ceylon.

714. Æmene subcinerea.

Æmene subcinerea, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.

Collection Swinhoe, Simla.
Allied to *Æ. taprobanis*.

715. Æmene taprobanis.

Æmene taprobanis, Walker, Cat. Lep. Het. B. M. ii, p. 542, (1854); and vii, p. 1683, (1856).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 372.
——————— Moore, Lep. Ceyl. ii, p. 64, pl. 104, fig. 2, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. (1885), p. 293.
Panassa cingalesa, Walker, Cat. Lep. Het. B. M. xxxii, p. 607, (1865).
Autoceras grammophora, Felder, Reise Nov. Lep., pl. 106, fig. 24, (1864-75).

Collection Swinhoe, Ceylon, Belgaum, Poona, Bombay.

716. Æmene tenebrosa.

Æmene tenebrosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
——————— *loc. cit.* 1886, p. 437.

Collection Swinhoe, Mhow, Poona.
Also recorded from Bombay.
Allied to *A. sordida*.

Genus **Setinochroa.**

717. Setinochroa aurantiaca.

Setinochroa aurantiaca, Moore, Proc. Zool. Soc. Lond. 1878, p. 35, pl. 3, fig. 12.

Khasi Hills.
Allied to *S. infumata*.

718. Setinochroa infumata.

Setinochroa infumata, Felder, Reise Novara, pl. 106, fig. 16, (1864-75).

Himalayas.

719. Setinochroa pallida.

Setinochroa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.

Collection Swinhoe, Simla.
Also recorded from Manpuri.

720. Setinochroa postica.

Setinochroa postica, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.

Dharmsala.

Genus **Paidia.**

721. Paidia marginata.

Nudaria marginata, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).
Paidia marginata, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.

S. India.

Genus **Nudaria.**

722. Nudaria fasciata.

Nudaria fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.

Darjiling.
Allied to *N. margaritacea*.

723. Nudaria floccosa.

Nudaria floccosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 370.

S. India.

724. Nudaria margaritacea.

Nudaria margaritacea, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1878, p. 370.

Collection Swinhoe, Sikkim.

725. NUDARIA MARGARITARIA.

Nudaria margaritaria, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Sikkim.

726. NUDARIA SOLITA.

Setina solita, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).
——————— Moore, Lep. Ceyl. ii, p. 64, pl. 103, fig. 8, (1882).
Nudaria solita, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.

Ceylon.

727. NUDARIA SUBCERVINA.

Nudaria subcervina, Walker, Cat. Lep. Het. xxxi, p. 274, (1864).
——————— Moore, Proc. Zool. Soc. Lond, 1867, p. 678.

India.

Genus **Nola.**

728. NOLA CINGALESA.

Nola cingalesa, Moore, Lep. Ceyl. ii, p. 66, pl. 104, fig. 1, (1882).

Ceylon.

Genus **Castabala.**

729. CASTABALA ROSEATA.

Castabala roseata, Walker, Cat. Lep. Het. B. M. xxxi, p. 271, (1864).
——————— Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
———————Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 1, (1881).

Darjiling, Barrackpur.

Genus **Callimorpha.**

730. CALLIMORPHA VENUS.

Callimorpha venus, Prittwitz, Stett. Ent. Zeit. 1867, p. 274; and 1868, p. 185.

Himalayas.

Genus **Chionæma.**

731. CHIONÆMA CANDIDA.

Chionæma candida, Felder, Reise Novara, pl. 106, fig. 17, (1864-75).

I. M., Kulu.
Also recorded from the Himalayas.

Genus **Adrepsa.**

732. ADREPSA STILBIOIDES.

Adrepsa stilbioides, Moore, Descr. Ind. Lep. Atk. i, p. 38, pl. 2, fig. 20, (1879).

Assam.

Genus **Pentacitrotus.**

733. PENTACITROTUS VULNERATUS.

Pentacitrotus vulneratus, Butler, Ill. Typ. Lep. Het. B. M. v, p. 35, pl. 86, fig. 5, (1881).

Darjiling.

Genus **Clina.**

734. CLINA LAPIDARIA.

Clina lapidaria, Walker, Cat. Lep. Het. B. M. xxxi, p. 257, (1864).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 359.

S. India.

Genus **Garudinia.**

736. GARUDINIA LATANA.

Tospitis latana, Walker, Cat. Lep. Het. B. M. xxviii, p. 427, (1863).
Garudinia latana, Moore, Lep. Ceyl. ii, p. 59, pl. 103, fig. (1882).

I. M., Ceylon (Colombo Museum).

Genus **Deiopeia.**

737. DEIOPEIA CRUENTATA.

Deiopeia cruentata, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86, fig. 10, (1881).

N. India, Mauritius.

738. DEIOPEIA LOTRIX.

Phalæna lotrix, Cramer, Pap. Exot. ii, pl. 109, fig. E, (1777).
Deiopeia lotrix, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.
———— *loc. cit.* 1886, p. 436.

I. M., Nicobar Is. (deNiceville).
Collection Swinhoe, Sind, Mhow, Poona, Nicobars, Aden.

739. DEIOPEIA PULCHELLA.

Tinea pulchella, Linn., Syst. Nat. 1, 2, 884, 349, (1767).
Noctua pulchra, Esper, Schmett. iv, 570, pl. 164, figs. 3-5, (1777).*
Bombyx pulchella, Fabr., Sp. Ins. ii, 203, 142, (1781).
Bombyx pulchra, Hübn., Bomb. 128, 1, pl. 26, fig. 113.*
Utetheisa pulchella, Hübn., Verz. Bek. Schmett. 168, 1733, (1816).
———— Moore, Lep. Ceyl. ii, p. 67, pl. 104, fig. 5, (1882).
Deiopeia pulchella, Walker, Cat. Lep. Het. B. M. ii, p. 566, (1854).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
———— Thugwell, Ent. xi, p. 186, (1878).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., N. Khasi Hills (purchased), Sibsagar (Peal), Calcutta, Sikkim (Barnes), Mussooree, Kulu (purchased), Madras (purchased), Darbhanga, Chitral (Giles), Persia.
Collection Swinhoe, Nicobars, Punjab, Sikkim, Kulu, Andamans, Ceylon, Mhow, Karachi, Bombay.
Also recorded from Europe, Africa, Australia and the E. Indian Islands.

740. DEIOPEIA THYTER.

Deiopeia thyter, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
———— Proc. Zool. Soc. Lond. 1881, p. 614.
———— Swinhoe, Pros. Zool. Soc. Lond 1884, p. 515.
———— Trans. Ent. Soc. Lond. 1885, p. 347.
———— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Collection Swinhoe, Kandahar, Quetta, Karachi.
Also recorded from Burma and Turkey.

Genus **Argina.**

741. ARGINA ARGUS.

Euprepia argus, Kollar, Kaschmir, Von. Hügel, iv, p. 467, pl. 21, fig. 3, (1848).
Deiopeia argus, Walker, Cat. Lep. Het. B. M. ii, p. 571, (1854); and vii, p. 1686, (1856).
Argina argus, Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 309, pl. 14, figs. 3, 3*a*, (1859).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
———— Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 1 *a*, *b*, *c*, (1882).

I. M., Sikkim (Barnes), Khasi Hills, Buxa (Moti Ram).
Collection Swinhoe, Simla, Darjiling, Buxa, Bhotan.
Also recorded from Nepal, Calcutta, S. India, and Ceylon.

742. ARGINA ASTREA.

Phalæna (Noctua) astrea, Drury, Ill. ii, p. 11, pl. 6, fig. 3, (1773).
Argina astrea, Moore, Lep. Mus. E. I. C. ii, p. 308, pl. 14, figs. 2, 2*a*, (1859).
———— Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
———— Swinhoe, Pros. Soc. Lond. 1886, p. 436.
Deiopeia astrea, Walker, Cat. Lep. Het. B. M. ii, p. 570, (1854).

Collection Swinhoe, Simla, Mhow, Belgaum, Bombay, Mahableshwar, Andaman Is.
Also recorded from Ceylon and Hongkong.

743. ARGINA CRIBRARIA.

Phalæna cribraria, Clerck, Icon. Ins. ii, pl. 54, fig. 4, (1759-64).*
Phalæna (Geometra) cribraria, Cramer, Pap. Exot. iii, pl. 208, fig. G, (1779).
Argina cribraria, Aurivillius, Kongl. Sv. Vet. Akad. Handl. xix, 5, p. 181, (1882).
———— Moore, Lep. Ceyl. ii, p. 68, pl. 106, figs. 1, 1*a*, (1882).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 156.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., Calcutta, Sylhet, Sikkim (purchased), Goalpara, Delhi (Thomas), Ratnagiri (Hatch), Mergui (Anderson), Andaman Is. (De Roepstorff), Ceylon (Colombo Museum), Nicobar Is. (deNiceville).
Collection Swinhoe, Andamans, Mirzapore, and Mhow.
Also recorded from China, Rodriguez, and Mauritius.

744. Argina dulcis.

Deiopeia dulcis, Walker, Cat. Lep. Het. B. M. ii, p. 569, (1854).
Phalæna cribraria, var. ♀ Cramer, Pap. Exot. iii, pl. 288, fig. D, (1780).
Argina dulcis, Butler, Trans. Ent. Soc. Lond. 1877, p. 364.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Poona, Bombay, Satara, Belgaum.

745. Argina guttata.

Xanthestes guttata, Rambur, Faune de l'Andalousie, ii, p. 229, (1866).*
Phalæna cribraria, ♂, Cramer (*nec* Clerck), Pap. Exot. iii, pl. 208, fig. C, (1779).
Argina guttata, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay.
Also recorded from Nepal, Ceylon, and Mauritius.

746. Argina notata.

Argina notata, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.
——— Proc. Zool. Soc. Lond. 1886, p. 436.

Collection Swinhoe, Mhow, Bombay, Belgaum, Nilgiris.

747. Argina pardalina.

Deiopeia pardalina, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).
Argina pardalina, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Moulmein, Cambodia.

748. Argina pylotis.

Bombyx pylotis, Fabr., Syst. Ent., p. 585, (1775).
Hypocrita pylotis, Hübn., Samml. Exot. Schmett. i, pl. 189, figs. 1-4.*
Argina pylotes, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Collection Swinhoe, N. India (from British Museum).
Also recorded from Ceylon.

749. Argina syringa.

Phalæna syringa, Cramer, Pap. Exot. i, pl. v, fig. C, (1775).
Bombyx crotalariæ, Fabr., Ent. Syst. iii, i, p. 473, 204, (1793).
Argina crotalariæ, Hübn., Verz. Bek. Schmett. p. 167, 1730, (1816).
Deiopeia syringa, Walker, Cat. Lep. Het. B. M. ii, p. 572, (1854).
Argina syringa, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
——— Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 2, 2*a*, 2*b*, 2*c*, (1882).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Mahableshwar, Belgaum, Ceylon.
Also recorded from Australia.

Genus **Tatargyna.**

750. Tatargyna picta.

Deiopeia picta, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).
Tatargyna picta, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.

Moulmein, S. China.

Family ARCTIIDÆ.

Genus **Arctia.**

751. Arctia orientalis.

Arctia orientalis, Moore, Ann. Mag. N. H. (5), i, p. 230, (1878).
——————— 2nd Yarkand Mission Lep., p. 7, (1879).

I. M., Yarkand, Type, (2nd Mission).
Collection Swinhoe, Kashmir.
Also recorded from Allahabad.

752. Arctia parvula.

Arctia parvula, Felder, Reise Novara Lep., pl. 100, fig. 24, (1864-75).
Himalayas.

753. Arctia suttadra.

Arctia suttadra, Moore, Proc. Zool. Soc. Lond. 1879, p. 395.
Collection Swinhoe, Kulu.
Also recorded from Kashmir.

754. Arctia thibetica.

Arctia thibetica, Felder, Reise Novara Lep., pl. 101, fig. 12, (1864-75).
Ladak.

Genus **Gonerda.**

755. Gonerda perornata.

Gonerda perornata, Moore, Proc. Zool. Soc. Lond. 1879, p. 395, pl. 32, fig. 2.
Kashmir.

Genus **Spilosoma.**

756. Spilosoma fusifrons.

Spilosoma fusifrons, Walker, Cat. Lep. Het. B. M. xxxi, p. 295, (1864).
S. India.

757. Spilosoma mona.

Spilosoma mona, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295, pl. 20, figs. 3-4.
Collection Swinhoe, Mahableshwar.

758. Spilosoma punctata.

Spilosoma punctata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 355, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).
Sikkim, Java.

759. Spilosoma rubescens.

Spilosoma rubescens, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).
Arctia rubescens, Butler, Cist. Ent. ii, p. 21, (1875).
Borneo, E. Indies.

760. Spilosoma sanguinalis.

Spilosoma sanguinalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

I. M., Shillong.
Also recorded from Darjiling.

Genus **Phissama.**

761. Phissama albistriga.

Aloa albistriga, Walker, Cat. Lep. Het. B. M. xxxi, p. 303, (1864).
Phissama albistriga, Butler, Cist. Ent. ii, p. 36, (1875).

S. India.

762. Phissama transiens.

Spilosoma transiens, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).
Aloa isabellina, Walker, *loc. cit.*, p. 705, (1855).
Phissama transiens, Walker, *loc. cit.* xxxi, p. 298, (1864).
——————— Butler, Cist. Ent. ii, p. 36, (1875).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Sibsagar] (Peal), Calcutta (bred in Museum), Kulu (purchased), Sikkim (DeNiceville).
Collection Swinhoe, Belgaum, Buxar.
Also recorded from Sylhet, Moulmein, Celebes, Sarawak.

763. Phissama vacillans.

Amphissa vacillans, Walker, Cat. Lep. Het. B. M. iii, p. 685 (1855); also vii, p. 1786, (1856).
Aloa vacillans, Walker, *loc. cit.*, vii, 1702, (1856).
Phissama vacillans, Walker, *loc. cit.* xxxi, p. 298, (1864).

I. M., Kulu (purchased), Sibsagar (Peal), Calcutta (bred in the Museum).
Collection Swinhoe, Simla.
Also recorded from Hongkong and the Philippine Is.

Genus **Rhodogastria.**

764. Rhodogastria astræa.

Sphinx astreus, Drury, Ins. ii, pl. 28, fig. 4, (1773).
Phalæna melanthus, Cramer, Pap. Exot. iii, pl. 286, fig. B. (1780).
Rhodogastria melanthus, Hübn., Verz. Bek. Schmett, p. 172, (1816).
Amerila melanthus, Walker, Cat. Lep. Het. B. M. iii, p. 727, (1855).
Amerila astræa, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Rhodogastria astræa, Moore, Lep. Ceyl. ii, p. 76, pl. 108, figs. 1, 1*a*, (1882).

I. M., Cachar (Wood-Mason).
Also recorded from Ceylon.

765. Rhodogastria fraterna.

Rhodogastra (sic) *fraterna*, Moore, Trans. Ent. Soc. Lond. 1884, p. 356.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay, Poona.

766. Rhodogastria rhodopa.

Amerila rhodopa, Walker, Cat. Lep. Het. B. M. xxxi, p. 305, (1861).

I. M., Sikkim (purchased), Naga Hills.
Collection Swinhoe; India.
Also recorded from S. India.

Genus **Carcinopyga.**

767. Carcinopyga lichenigera.

Carcinopyga lichenigera, Felder, Reise Novara Lep., pl. 101, fig. 3, (1861-75).

Ladak.

Genus **Thyrgorina.**

768. Thyrgorina multivittata.

Spilosoma multivittata, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).

Collection Swinhoe, Simla, Darjiling.

769. Thyrgorina rhodophila.

Spilosoma rhodophila, Walker, Cat. Lep. Het. B. M. xxxi, p. 294, (1864); also xxxv; p. 1906, (1866).
Spilosoma rubidorsa, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.
Spilarctia rhodophila, Butler, Cist. Ent. ii, p. 40, (1875).
Icambosida rhodophila, Butler, Ill. Typ Lep. Het. v, p. 29, pl. 85, fig. 4, (1881).

I. M., Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Darjiling.

770. Thyrgorina spilosomata.

Thyrgorina spilosomata, Walker, Cat. Lep. Het. B. M. xxxi, p. 318, (1864).

S. India.

Genus **Buccœa.**

771. Buccœa simplex.

Savara simplex, Walker, Cat. Lep. Het. B. M. xxxi, p. 320, (1864).
Buccœa simplex, Walker, *loc. cit.* xxxv, p. 1983, (1866).

Collection Swinhoe, India.

Genus **Hyphantria.**

772. Hyphantria unifascia.

Andala unifascia, Walker, Cat. Lep. Het. B. M. iii, p. 774, (1855).

I. M., Kulu (purchased).
Collection Swinhoe, Simla, Kulu.

Genus **Tinolius.**

773. TINOLIUS EBURNEIGUTTA.

Tinolius eburneigutta, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).
——————— Moore, Lep. Ceyl. iii, p. 185, pl. 171, figs. 10, 10*a*, (1885).
Tinoleus (sic) *eburneigutta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 851.

I. M., (?) Sikkim.
Collection Swinhoe, Ceylon.
Also recorded from (?) Sylhet, Malabar Coast, Tenasserim.

Genus **Pharetra.**

774. PHARETRA CONSANGUIS.

Acronycta consanguis, Butler, Ann. Mag. N. H. (5), iv, p. 358, (1879).
Pharetra consanguis, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Kasauli.
Also recorded from Japan.

Genus **Pangora.**

775. PANGORA DISTORTA.

Pangora distorta, Moore, Descr. Ind. Lep. Atk. i, p. 42, pl. ii, fig. 14, (1879).

Mussooree, Simla.

776. PANGORA EROSA.

Aloa erosa, Walker, Cat. Lep. Het. B. M. iii, p. 708, (1855).
Pangora erosa, Moore, Lep. Ceyl. ii, p. 72, pl. 107, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

777. PANGORA MATHERANA.

Pangora matherana, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.
——————— Waterhouse, Aid. ii, pl. 131, fig. 6, (1883).*

Collection Swinhoe, Bombay.

Genus **Alope.**

778. ALOPE CLAVATUS.

Alope clavatus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

Collection Swinhoe, Bombay, Mahableshwar.
Also recorded from Poona.

779. ALOPE MOPSA.

Noctua mopsa, Drury, Ins. iii, p. 4, pl. 3, fig. 3, (1782).
Callimorpha mopsa, Westw., Ed. Drury, iii, p. 4, pl. 3, fig. 3, (1837).
Alope mopsa, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).

Madras.

780. ALOPE RICINI.

Bombyx ricini, Fabr., Syst. Ent., p. 583, (1775).
——————— Ent. Syst. iii, 1, p. 473, (1793).
Alope ocellifera, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

ALOPE RICINI,—*continued.*

Alope ricini, Moore, Lep. Ceyl. ii, p. 70, pl. 106, figs. 2, 2*a*, 2*c*, (1882).
————————Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 395.
————————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.
————————————*loc. cit.*, 1886, p. 437.

I. M., Calcutta (Jackson), Sikkim (purchased), Sibsagar (Peal), Cachar (Wood-Mason).
Collection Swinhoe, Simla, Mhow, Bombay, Poona, Ahmednaggar, Satara, Ceylon.
Also recorded from Kanara, Sylhet.

781. ALOPE SANGARIDA.

Phalæna sangarida, Cramer, Pap. Exot. iv, pl. 381, fig. D, (1781).
Alope sangarida, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

Ceylon.

Genus **Phragmatobia.**

782. PHRAGMATOBIA EXCLAMATIONIS.

Euprepia exclamationis, Kollar, Kaschmir, Von Hügel, iv, p. 469, (1848).
Phragmatobia exclamationis, Walker, Cat. Lep. Het. B. M. iii, p. 631, (1855).

Himalayas.

783. PHRAGMATOBIA MONTANA.

Arctia montana, Guer., Voy. Deless. Hist. Nat., p. 92, pl. 26, fig. 3, (1843).
Phragmatobia montana, Walker, Cat. Lep. Het. B. M. iii, p. 631, (1855).

Nilgiri Hills.

Genus **Glanycus.**

784. GLANYCUS INSOLITUS.

Glanycus insolitus, Walker, Cat. Lep. Het. B. M. iii, p. 635, (1855).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
————————Butler, Journ. Linn. Soc. Lond. 1876, p. 431.
————————— Ill. Typ. Lep. Het. v, p. 28, pl. 84, fig. 12, (1881).

Sylhet.

785. GLANYCUS TRICOLOR.

Glanycus tricolor, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879).
———————— Waterhouse, Aid. ii, pl. 131, fig. 1, (1883).*

I. M., Sikkim (Dreyer).

Genus **Creatonotos.**

786. CREATONOTOS CONTINUATUS.

Creatonotus continuatus, Moore, Ann. Mag. N. H. 4, xx, p. 344, (1877).
———————————— Lep. Ceyl. ii, p. 73, pl. 108, fig. 4, (1882).

Ceylon.

787. Creatonotos interrupta.

Phalæna interrupta, Linn. Syst. Nat. Phal. i, v, p, 2553, 116.
——— Cramer, Pap. Exot. ii, pl. 185, fig. E, (1777).
Bombyx francisca, Fabr., Mant. Ins. ii, p. 131, 200, (1787).
——— Ent. Syst. iii, i, p. 480, (1793).
Creatonotos interrupta, Hübn., Verz. Bek. Schmett., p. 170, (1816).
——— Walker, Cat. Lep. Het. B. M. iii, p. 638, (1855).
——— Butler, Cist. Ent. ii, p. 25, (1875).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 362, pl. 17, figs. 1-1*a*, (1859).
———Lep. Ceyl. ii, p. 73, pl. 108, fig. 5 *a*, (1882).
——— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 5396.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
——— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Cherra, Calcutta, Cachar, Sibsagar (Peal), Nepal.
Collection Swinhoe, Burma, Ceylon, Karachi, Hydrabad, Mhow, Bombay, Ahmednagar.
Also recorded from Coromandel, Penang.

788. Creatonotos rubricosta.

Creatonotus (sic) *rubricosta*, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.
Aloa rubricosta, Butler, Cist. Ent. ii, p. 24, (1875).

Manipuri, Bombay.

Genus **Rajendra**.

789. Rajendra biguttata.

Aloa biguttata, Walker, Cat. Lep. Het. B. M. iii, p. 707, (1855).
Rajendra biguttata, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

I.M., Sikkim.
Collection Swinhoe, Nilgiri Hills, Belgaum, Bombay, Khandalla.
Also recorded from Kanara.

790. Rajendra irregularis.

Rajendra irregularis, Moore, Lep. Ceyl. ii, p. 72, pl. 107, fig. 2, (1882).

Ceylon.

791. Rajendra khandalla.

Aloa khandalla, Moore, Cat. Lep. Mus. E. I. C. ii, p. 361, pl. 9*a*, fig. 13, (1859).
Rajendra khandalla, Swinhoe, Proc. Zool. Lond. 1885, p. 296.

Collection Swinhoe, Bombay.
Also recorded from Kanara and Khandalla.

792. Rajendra lativitta.

Spilosoma lativitta, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.
——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia lativitta, Butler, Cist. Ent. ii, p. 40, (1875).
Rajendra lativitta, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.
——— Descr. Ind. Lep. Atk. i, p. 43, (1879).

Darjiling, Parisnath.
Allied to *R. biguttata*.

793. RAJENDRA NIGRICANS.

Aloa nigricans, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.
Rajendra nigricans, Moore, *loc. cit.* 1879, p. 396.

Bombay, Deccan.

794. RAJENDRA PANNOSA.

Rajendra pannosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 397, pl. 32, fig 8.

N.-W. Himalayas.
I. M., Kulu (Young).

795. RAJENDRA SIPAHI.

Aloa sipahi, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.
Rajendra sipahi, Moore, *loc. cit.* 1879, p. 396.

Bombay, Madras.

796. RAJENDRA TRIPARTITA.

Aloa tripartita, Walker, Cat. Lep. Het. B. M. iii, p. 706, (1855).
Rajendra tripartita, Butler, Ill. Typ. Lep. Het. v, p. 35, pl. 86, fig. 4, (1881).

I. M., Sibsagar (Peal).
Collection Swinhoe, Rangoon.

797. RAJENDRA VITTATA.

Rajendra vittata, Moore, Proc. Zool. Soc. Lond. 1879, p. 396, pl. 32, fig. 12.

Lower Burma.

Genus **Hypercompa.**

798. HYPERCOMPA ARGUS.

Hypercompa argus, Walker, Trans. Ent. Soc. Lond. (3) i, p. 73, (1862-64).
——————————— Cat. Lep. Het. B. M. xxxi, p. 285, (1864).

India.

799. HYPERCOMPA EQUITALIS.

Euprepia equitalis, Kollar, Kaschmir, Von Hügel, p. 465, 2, pl. 20, fig. 3, (1848).
Hypercompa equitalis, Walker, Cat. Lep. Het. B. M. iii, p. 654, (1855).

I. M., Sikkim (Barnes).
Collection Swinhoe, Simla, Sikkim, Khasi Hills.
Also recorded from Mussooree, Nepal.

800. HYPERCOMPA FLAVICOLOR.

Hypercompa flavicolor, Moore, Proc. Zool. Soc. Lond. 1879, p. 397.

Simla.

801. HYPERCOMPA IMPLETA.

Hypercompa impleta, Walker, Cat. Lep. Het. B. M. xxxi, p. 286, (1864).
——————————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

India.

802. Hypercompa leopardina.

Euprepia leopardina, Kollar, Kaschmir, Von Hügel, iv, p. 467, pl. 21, fig. 2, (1848).
Hypercompa leopardina, Walker, Cat. Lep. Het. B. M. iii, p. 656, (1855).
Himalayas.

803. Hypercompa longipennis.

Hypercompa longipennis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
Sylhet.

804. Hypercompa nyctemerata.

Hypercompa nyctemerata, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879).
Collection Swinhoe, Darjiling.
Allied to *H. equitalis*.

805. Hypercompa plagiata.

Hypercompa plagiata, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
——————— Butler, Ill. Typ. Lep. Het. v, p. 28, pl. 85, fig. 1, (1881).
I. M., Khasi Hills, Buxa (Moti Ram), Sibsagar, Yunan, Cherra Punji, Sikkim (purchased).
Collection Swinhoe, Simla, Sikkim, Sylhet.

806. Hypercompa principalis.

Euprepia principalis, Kollar, Kaschmir, Von Hügel, iv, p. 465, pl. 20, fig. 2, (1848).
Hypercompa principalis, Walker, Cat. Lep. Het. B. M. iii, p. 653, (1855).
Mussooree.
I. M., Kulu (purchased), Yarkand (2nd Mission).
Collection Swinhoe, Pegu, Kulu.

807. Hypercompa regalis.

Hypercompa regalis, Moore, Proc. Zool. Soc. Lond. 1872, p. 575, pl. 33, fig. 7.
Collection Swinhoe, North Kanara.
Also recorded from North India.

808. Hypercompa similis.

Hypercompa similis, Moore, Proc. Zool. Soc. Lond. 1879, p. 397.
N.-W. Himalayas.
Allied to *H. equitalis*.

Genus **Euchætes.**

809. Euchætes sikkimensis.

Euchætes sikkimensis, Moore, Descr. Lep. Ind. Atk. i, p. 39, pl. 2, fig. 12, (1879).
Sikkim.

Genus **Areas.**

810. AREAS IMPERIALIS.

Euprepia imperialis, Kollar, Kaschmir, Von Hügel, iv, p. 466, pl. 21, fig. 1, (1848).
Hypercompa imperialis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Areas imperialis, Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Mussooree.

811. AREAS MELANOPSIS.

Arctia melanopsis, Walker, Cat. Lep. Het. B. M. xxxi, p. 280, (1864).
Aloa callisoma, Felder, Reise Novara Lep. iv, pl. 101, fig. 4, (1864-75).
Areas melanopsis, Butler, Cist. Ent. ii, p. 22, (1875).
———— Moore, Lep. Ceyl. ii, p. 75, pl. 108, fig. 2, (1882).

Ceylon.

812. AREAS ORIENTALIS.

Areas orientalis, Walker, Cat. Lep. Het. B. M. iii, p. 658, (1855).
———— Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kurseong (Wood-Masson), Sikkim (purchased), Khasi Hills (purchased), Kulu (purchased), Shillong.
Collection Swinhoe, Simla.
Also recorded from Sylhet, Sarawak, and Java.

Genus **Aloa.**

813. ALOA CANDIDULA,

Aloa candidula, Walker, Cat. Lep. Het. B. M. iii, p. 704, (1855).
———— Butler, Cist. Ent. ii, p. 24, (1875).

Ceylon, Nepal.
Allied to *A. punctistriga*.

814. ALOA COMMA.

Aloa comma, Walker, Cat. Lep. Het. B. M. vii, p. 1703, (1856).

India.

815. ALOA DIMINUTA.

Aloa diminuta, Walker, Cat. Lep. Het. B. M. iii, p. 705, (1855).
————Butler, Cist. Ent. ii, p. 24, (1875).
———— Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 5, (1881).
Spilosoma strigata, Walker, Char. Undescr. Lep. Het, p. 10, (1869).

N. India.

816. ALOA EMITTENS.

Creatonotos emittens, Walker, Cat. Lep. Het. B. M. iii, p. 638, (1855).
Creatonotus emittens, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).
———— Lep. Ceyl. ii, p. 74, pl. 108, figs. 3, 3*a*, 82).
Aloa candidula, var. Walker, *loc. cit.*, p. 704, (1855).
Aloa emittens, Butler, Cist. Ent. ii, p. 24, (1875).
———— Proc. Zool. Soc. Lond. 1881, p. 614.

ALOA EMITTENS,—*continued.*

Aloa emittens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
——————— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Calcutta (bred in Museum), Sibsagar (Peal).
Collection Swinhoe, Mhow, Bombay, Belgaum, Poona, Satara.
Also recorded from Ceylon and Kanara.

817. ALOA FLORA.

Aloa flora, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296, pl. 20, fig. 5.

Collection Swinhoe, Bombay.

818. ALOA LACTINEA.

Phalæna lactinea, Cramer, Pap. Exot. ii, pl. 133, fig. D, (1777).
Bombyx sanguinolenta, Fabr., Ent. Syst. iii; p. 473, 206, (1793).
Lithosia sanguinolenta, Donovan, Ins. Ind. p. 83, pl. 53, fig. 3, (1800).
Estigmene lactinea, Hübn., Verz. Bek. Schmett., p. 184, (1816).
Aloa lactinea, Walker, Cat. Lep. Het. B. M. iii, p. 702, (1855).
Areas lactinea, Butler, Cist. Ent. ii, p. 22, (1875).
Aloa sanguinolenta, Moore, Lep. Ceyl. ii, p. 74, pl. 108, figs. 6, 6*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
——————— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Sibsagar (Peal), Kulu (purchased), Sikkim (Atkinson), Khasi Hills, Shillong, Goalpara, Cachar (Wood-Mason), Raniganj, Chitral (Giles).
Collection Swinhoe, Simla, Mhow, Ceylon, Nilgiri Hills, Bombay, Poona.
Also recorded from Australia, Java, and China.

819. ALOA MARGINATA.

Aloa marginata, Moore, Proc. Zool. Soc. Lond. 1883, p. 15, pl. 5, fig. 1.

Nepal.

820. ALOA MOOREI.

Areas moorei, Butler, Cist. Ent. ii, p. 23, (1875).
———————Ill. Typ. Lep. Het. v, p. 28, pl. 85, fig. 2, (1881).
Aloa moorei, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Collection Swinhoe, Nilgiri Hills, Bombay.
Also recorded from Almora.

821. ALOA PUNCTISTRIGA.

Spilosoma punctistriga, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855).
Aloa punctistriga, Butler, Cist. Ent. ii, p. 24, (1875).
———————Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 6, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.
——————— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Kulu (purchased).
Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

Genus **Seirarctia.**

822. SEIRARCTIA QUADRIRAMOSA.

Eurrepia quadriramosa, Kollar, Kaschmir, Von Hügel, iv, p. 468, (1848).
Spilosoma quadriramosa, Walker, Cat. Lep. Het. iii, p. 675, (1855); and vii p. 1694, (1856).

SEIRARCTIA QUADRIRAMOSA,—*continued.*

Seirarctia quadriramosa, Butler, Cist. Ent. ii, p. 26, (1875).
Spilarctia quadriramosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., specimens with no history.
Collection Swinhoe, Simla, Kulu, Cherrapunji, Naga Hills, Satara.

Genus **Alpenus.**

823. ALPENUS BISERIATUS.

Alpenus biseriatus, Moore, Proc. Zool. Soc. Lond. 1877, p. 596.

S. Andaman Is.

824. ALPENUS FLAVENS.

Alpenus flavens, Moore, Descr. Ind. Lep. Atk. 1, p. 39, (1879).

Cherrapunji.

825. ALPENUS MULTIGUTTATUS.

Hypercompa multiguttata, Walker, Cat. Lep. Het. B. M. iii, p. 657, (1855).
Alpenus multiguttatus, Butler, Cist. Ent. ii, p. 34, (1875).

I. M., Nepal, Sikkim (purchased), Kulu (purchased).
Collection Swinhoe, Simla, Sikkim, Kulu.

826. ALPENUS SPILOSOMOIDES.

Deiopeia spilosomoides, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).
Alpenus spilosomoides, Butler, Cist. Ent. ii, p. 34, (1875).
——————————— Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 7, (1881).

N. India.
Allied to *A. multiguttatus.*

Genus **Spilarctia.**

827. SPILARCTIA ABDOMINALIS.

Spilosoma abdominalis, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, (1859).
——————————— Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).
Spilarctia abdominalis, Butler, Cist. Ent. ii, p. 42, (1875).
——————————— Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 9, (1881).

Collection Swinhoe, Simla.

828. SPILARCTIA BRUNNEA.

Spilosoma brunnea, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.
Spilarctia brunnea, Butler, Cist. Ent. ii, p. 42, (1875).

Bombay.

829. SPILARCTIA CASIGNETA.

Euprepia casigneta, Kollar, Kaschmir Von Hügel, iv, p. 469, (1884).
Spilosoma casigneta, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855)
Spilarctia casigneta, Butler, Cist. Ent. ii, p. 43, (1875).

I. M., Sibsagar (Peal).
Collection Swinhoe, Kasauli, Sikkim.
Also recorded from Mussooree.

830. Spilarctia confusa.

Spilarctia confusa, Butler, Cist. Ent. ii, p. 42, (1875).
——————— Ill. Typ. Lep. Het. v, p. 33, pl. 85, fig. 13, (1881).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Munipur.
Collection Swinhoe, Sikkim, Bombay.

831. Spilarctia dentilinea.

Spilosoma dentilinea, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.

Sikkim.

832. Spilarctia discinigra.

Spilosoma discinigra, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia discinigra, Butler, Cist. Ent. ii, p. 43, (1875).

Darjiling.

833. Spilarctia erythrozona.

Euprepia erythrozona, Kollar, Kaschmir Von Hügel, iv, p. 468, (1848).
Spilosoma erythrozona, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).
Dionychopus erythrozona, Butler, Cist. Ent. ii, p. 32, (1875).

Mussooree.

834. Spilarctia flavalis.

Spilosoma flavalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia flavalis, Butler, Cist. Ent. ii, p. 39, (1875).

Darjiling.

835. Spilarctia gopara.

Spilosoma gopara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, pl. 9*a*, fig. 11, (1859).
———————Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Darjiling.

836. Spilarctia howra.

Spilarctia howra, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879).

Calcutta.

837. Spilarctia indica.

Arctia indica, Guer., Voy. Deless. Hist. Nat. p. 93, (1843).
Spilosoma indica, Walker, Cat. Lep. Het. B. M. iii, p. 674, (1855).
Spilarctia indica, Butler, Cist. Ent. ii, p. 40, (1875).

Nilgiri Hills.

838. SPILARCTIA JUCUNDA.

Spilarctia jucunda, Butler, Ill. Typ. Lep. Het. v, p. 32, pl. 85, fig. 11, (1881).

Darjiling.

839. SPILARCTIA LACTEATA.

Spilarctia lacteata, Butler, Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 10, (1881).

Darjiling.

840. SPILARCTIA NYDIA.

Spilarctia nydia, Butler, Cist. Ent. ii, p. 41, (1875).
——————— Ill. Typ. Lep. Het. v, p 32, pl. 85, fig. 12, (1881).

I. M., Sikkim (Atkinson).
Collection Swinhoe, Darjiling.
Also recorded from Nepal.

841. SPILARCTIA OBLIQUIVITTA.

Spilarctia obliquivitta, Moore, Descr. Ind. Lep. Atk. i, p. 40, pl. 2, fig. 26, (1879).

Darjiling.

842. SPILARCTIA RUBILINEA.

Spilosoma rubilinea, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia rubilinea, Butler, Cist. Ent. ii, p. 44, (1875).

I. M., Shillong.
Collection Swinhoe, Sikkim.

843. SPILARCTIA RUBITINCTA.

Spilosoma rubitincta, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.
Spilarctia rubitincta, Butler, Cist. Ent. ii, p. 43, (1875).

Darjiling.

844. SPILARCTIA SORDIDA.

Spilosoma sordida, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).
Spilarctia sordida, Butler, Cist. Ent. ii, p. 42, (1874).

Darjiling.

845. SPILARCTIA STIGMATA.

Spilosoma stigmata, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).
Spilarctia stigmata, Butler, Cist. Ent. ii, p. 40, (1875).

Darjiling.
I. M., a specimen with no history.

846. Spilarctia subfascia.

Spilosoma subfascia, Walker, Cat. Lep. Het. B. M. iii, p. 678, (1855).
Spilarctia subfascia, Butler, Cist. Ent. ii, p. 40, (1875).
——————— Moore, Lep. Ceyl. ii, p. 71, pl. 107, figs. 3, 3*a*, (1882).

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.

847. Spilarctia suffusa.

Spilosoma suffusa, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Spilarctia suffusa, Butler, Cist. Ent. ii, p. 43, (1875).

Punjab.

848. Spilarctia todara.

Spilosoma todara, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.
Spilarctia todara, Butler, Cist. Ent. ii, p. 42, (1875).

Nilgiri Hills.

849. Spilarctia uniformis.

Spilarctia uniformis, Moore, Descr. Ind. Lep. Atk. i, p. 39, (1879).

I. M., Sibsagar (Peal).
Also recorded from Calcutta.

Genus **Rhyparia.**

850. Rhyparia tigrina.

Rhyparia tigrina, Moore, Proc. Zool. Soc. Lond. 1879, p. 398, pl. 32, fig. 4.

S. India.

Genus **Cycnia.**

851. Cycnia rubida.

Cycnia rubida, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864).

Ceylon.

852. Cycnia sparsigutta.

Cycnia sparsigutta, Walker, Cat. Lep. Het. xxxi, p. 296, (1864).
——————— Moore, Lep. Ceyl. ii, p. 77, (1882).

I. M., Ceylon (Colombo Museum).

853. Cycnia transversa.

Cycnia transversa, Moore, Proc. Zool. Soc. Lond. 1879, p. 398.

N.-W. India.

Genus **Challa**.

854. CHALLA BIMACULATA.

Challa bimaculata, Moore, Proc. Zool. Soc. Lond. 1879, p. 398.
N.-W. Himalayas.

855. CHALLA DISCALIS.

Challa discalis, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 7.
N.-W. Himalayas.

Genus **Nyaca**.

856. NYACA ABDOMINALIS.

Alphea abdominalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
I. M., Sikkim (purchased).

857. NYACA DIVISA.

Arctia divisa, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).
Ardices divisa, Butler, Cist. Ent. ii, p. 28, (1875).
Nyaca divisa, Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 86, fig. 2, (1881).
I. M., N. Khasi Hills.
Also recorded from the Himalayas.

858. NYACA FLORESCENS.

Nyaca florescens, Moore, Descr. Ind. Lep. Atk. i, p. 43, pl. 2, fig. 13, (1879).
——————Butler, Ill. Typ. Lep. Het. v, p. 34, pl. 86, fig. 3, (1881).
I. M., Khasi Hills.
Also recorded from Darjiling.

859. NYACA FULVOHIRTA.

Alphæa fulvohirta, Walker, Cat. Lep. Het. B. M. iii, p. 684, (1855).
——————Butler, Cist. Ent. ii, p. 28, (1875).
——————————Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 8, (1881).
I. M., Sikkim.
Collection Swinhoe, Darjiling.

860. NYACA IMBUTA.

Arctia imbuta, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).
—————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Pericallia imbuta, Butler, Cist. Ent. ii, p. 29, note, (1875).
Nayaca (sic) *imbuta*, Moore, Descr. Ind. Lep. Atk. i. p. 43, (1879).
——————Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 86, fig. 1, (1881).
Collection Swinhoe, Simla, Sikkim.

Genus **Ardices**.

861. ARDICES VARIA.

Alphæa varia, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864).
Ardices varia, Butler, Cist. Ent. ii, p. 29, (1875).
Mussooree.

Genus **Icambosida.**

862. ICAMBOSIDA NIGRIFRONS.

Icambosida nigrifrons, Walker, Cat. Lep. Het. B. M. xxxii, p. 401, (1865); also xxxv, p. 1918, (1866).
————————Butler, Cist. Ent. ii, p. 29, (1875).
————————Ill. Typ. Lep. Het. v, p. 29, pl. 85, fig. 3, (1881).

Collection Swinhoe, Darjiling.

863. ICAMBOSIDA PUNCTILINEA.

Icambosida punctilinea, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879).

Darjiling.

Genus **Carbisa.**

864. CARBISA VENOSA.

Carbisa venosa, Moore, Descr. Ind. Lep. Atk. i, p. 41, pl. 2, fig. 10, (1879).

Darjiling.

Genus **Microsemyra.**

865. MICROSEMYRA PALLIDA.

Microsemyra pallida, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Mhow.

FAMILY LIPARIDÆ.

Genus **Perina.**

866. PERINA BIPARS.

Perina bipars, Walker, Cat. Lep. Het. B. M. xxxii, p. 406, (1865).

India.

867. PERINA NUDA.

Bombyx nuda, Fabr., Mant. Ins. ii, p. 117, (1787).
Euproctis antica, var., Walker, Cat. Lep. Het. B. M. iv, p. 835, (1855).
Stilpnotia subtincta, Walker, *loc. cit.*, p. 843, (1855).
Perina basalis, Walker, *loc. cit.*, p. 966, (1855).
————————Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, fig. 4, (1859).
———————— Proc. Zool. Soc. Lond. 1878, p. 848.
————————, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.
———————— Proc. Zool. Soc. Lond. 1886, p. 437.
Euproctis combinata, Walker, *loc. cit.* xxxii, p. 347, (1865).
Perina nuda, Moore, Lep. Ceyl. ii, p. 94, pl. 114, figs. 1, 1*a*, 1*b*, (1882).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402, pl. 14, figs. 7, 7*a*, 7*b*, and pl. 15, figs. 6*a*—*d*.

I. M., Calcutta (de Niceville), Cachar (Wood-Mason).
Collection Swinhoe, Belgaum, Mhow, Poona, Bombay.
Also recorded from Ceylon, Nepal, and Hongkong.

Genus **Gynæphora.**

868. GYNÆPHORA OCULARIS.

Orygia ocularis, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Calcutta.

869. GYNÆPHORA SOCRUS.

Gynæphora socrus, Geyr., Zutr. iv, 12, figs. 387, 388.*
Aroa substrigosa, Walker, Cat. Lep. Het. B. M. iv, p. 794, (1855).
———— Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 5, (1881).
Aroa socrus, Walker, *loc. cit.* xxxii, p. 327, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet, Java, Hongkong.

870. GYNÆPHORA XERAMPELINA.

Gynæphora xerampelina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 21, figs. 8, 9.

Collection Swinhoe, Poona.

Genus **Repena.**

871. REPENA CERVINA.

Repena cervina, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855).

E. Indies.

Genus **Orgyia.**

872. ORGYIA ALBIFASCIA.

Orgyia albifascia, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865).
———— Moore, Journ. As. Soc. Beng. liii, 2, p. 235, (1884).

Darjiling.

873. ORGYIA BICOLOR.

Orgyia bicolor, Walker, Cat. Lep. Het. B. M. iv, p. 787, (1855).

E. Indies.

874. ORGYIA CEYLONICA.

Orgyia ceylonica, Nietner, Obs. Enemies of Coffee in Ceylon p. 19, (1861).*
———— Moore, Lep. Ceyl. ii, p. 78, (1882).

Ceylon.

875. ORGYIA POSTICA.

Lacida postica, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855).
Orygia (sic) *postica*, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).
———— Lep. Ceyl. ii, p. 78, pl. 109, figs. 1, 1*a*, 1*b*, (1882).

E. Indies.

876. Orgyia simplex.

Orgyia simplex, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865).

S. India.

877. Orgyia subfascia.

Orgyia subfascia, Moore, Proc. Zool. Soc. Lond. 1865, p. 803.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1912, (1866).

Darjiling.

878. Orgyia viridescens.

Acyphas viridescens, Walker, Cat. Lep. Het. B. M. iv, p. 798, (1855).
Orgyia viridescens, Moore, Lep. Ceyl. ii, p. 79, (1882).

Ceylon.

Genus **Charnidas.**

879. Charnidas cinnamomea.

Charnidas cinnamomea, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Pangi, Upper Kunawar, N.-W. Himalayas.
Allied to *C. litura*.

880. Charnidas litura.

Charnidas litura, Walker, Cat. Lep. Het. B. M. iv, p. 797, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Nepal.

881. Charnidas ochracea.

Charnidas ochracea, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Calcutta.

882. Charnidas plana.

Orgyia plana, Walker, Cat. Lep. Het. B. M. iv, p. 786, (1855).
Charnidas junctifera, Walker, *loc. cit.* xxxii, p. 334, (1865).
Charnidas plana, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 1, 1*a*, (1882).

Collection Swinhoe, Ceylon.
Also recorded from N. India.

883. Charnidas rotundata.

Lacida rotundata, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).
Cycnia rubida, Walker, *loc. cit.* xxxi, p. 297, (1864).
Lymantria disjuncta, Walker, *loc. cit.* xxxii, p. 366, (1865).
Charnidas rotundata, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 4, 4*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299.

Collection Swinhoe, Poona, Ceylon.

884. Charnidas subnotata.

Lacida subnotata, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855).
Charnidas subnotata, Moore, Lep. Ceyl. ii, p. 83, (1882).

Ceylon.

885. Charnidas testacea.

Cycnia testacea, Walker, Cat. Lep. Het. B. M. iii, p. 683, (1855).
Charnidas testacea, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299.
——————— Proc. Zool. Soc. Lond. 1886, p. 437.

Collection Swinhoe, Mhow, Bombay, Sind.

Genus **Lælioides.**

886. Lælioides fasciata.

Lælioides fasciata, Moore, Lep. Ceyl. ii, p. 84, pl. 110, fig. 6, (1882).
Ceylon.

887. Lælioides lactea.

Lælioides lactea, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
Punjab.

888. Lælioides rubripennis.

Lælioides rubripennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
Burma.

Genus **Lælia.**

889. Lælia angulifera.

Prorodeca (sic) *angulifera*, Walker, Cat. Lep. Het. B. M. iv, p. 919, (1855).
Ricine suffusa, Walker, *loc. cit.*, p. 824, (1855).
Lælia angulifera, Moore, Lep. Ceyl. ii, p. 83, pl. 110, figs. 5, 5*a*, (1882).

I. M., Sibsagar (Peal).
Also recorded from Java and Ceylon.

890. Lælia lilacina.

Lælia lilacina, Moore, Trans. Ent. Soc. Lond. 1884, p. 357.

Coonoor.

891. Lælia pallida.

Lælia pallida, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299

Collection Swinhoe, Bombay, Karachi.
Allied to *L. angulifera*.

892. Lælia venosa.

Lælia venosa, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

S. Andaman Is.

Genus **Genusa.**

893. Genusa bigutta.

Genusa bigutta, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Calcutta.

894. Genusa circumdata.

Genusa circumdata, Walker, Cat. Lep. Het. B. M. iv, p. 819, (1855).
Lælia circumdata, Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 7, (1881).

Collection Swinhoe, Simla, Darjiling.

895. Genusa comparata.

Genusa comparata, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Darjiling, Cherrapunji.
Allied to *G. circumdata*.

896. Genusa delineata.

Genusa delineata, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.
Lælia delineata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 50, pl. 89, fig. 8, (1881).

I. M., Yunan, Buxa (Moti Ram), Shillong, Darjiling (purchased), Naga Hills, Sibsagar, Cherrapunji, Khasi Hills.
Collection Swinhoe, Buxar, Bhootan, Sikkim.
Also recorded from Sylhet.
Allied to *G. circumdata*.

897. Genusa discifera.

Genusa discifera, Walker, Char. Undescr. Lep. Het., p. 14, (1869).

Bengal.
Allied to *G. circumdata*.

898. Genusa terminata.

Genusa terminata, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1864).

India.

Genus **Deroca.**

899. Deroca hyalina.

Deroca hyalina, Walker, Cat. Lep. Het. B. M. iv, p. 823, (1855).

Himalayas.
I. M., Kulu (purchased).
Collection Swinhoe, Simla.

900. Deroca maculata.

Deroca maculata, Moore, Proc. Zool. Soc. Lond. 1872, p. 575.

I. M., Simla.
Also recorded from Mussooree.

Genus **Themaca**.

901. Themaca comparata.

Themaca comparata, Walker, Cat. Lep. Het. B. M. xxxii, p. 395, (1865).

N. India.

Genus **Artaxa**.

902. Artaxa apicalis.

Arna apicalis, Walker, Cat. Lep. Het. B. M. vii, p. 1177, (1856).
Artaxa apicalis, Moore, Lep. Ceyl. ii, p. 85, pl. 111, figs. 4, 4*a*, 4*b*, (1882).

Ceylon.

903. Artaxa atomaria.

Artaxa atomaria, Walker, Cat. Lep. Het. B. M. iv, p. 796, (1855).
——————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 2, (1881).

N. India, Moulmein.

904. Artaxa basalis.

Artaxa basalis, Moore, Descr. Ind. Lep. Atk. i, p. 51, pl. 2, fig. 16, (1879).

Darjiling.

905. Artaxa brevivitta.

Artaxa brevivitta, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 10.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona.
Also recorded from Bengal.
Allied to *A. howra*.

906. Artaxa cervina.

Artaxa cervina, Moore, Ann. Mag. Nat. Hist. (4), xx, p. 345, (1877).
——————— Lep. Ceyl. ii, p. 86, pl. 112, fig. 3, (1882).

Ceylon.
Allied to *A. varians*.

907. Artaxa citrina.

Artaxa citrina, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877).
——————— Lep. Ceyl. ii, p. 85, pl. 112, figs. 2, 2*a*, (1882).

Ceylon.

908. Artaxa digramma.

Bombyx digramma, Boisd., Icon. R. Anim. Ins., p. 508, pl. 86, fig. 4, (1829—38).*
Artaxa guttata, Walker, Cat. Lep. Het. B. M. iv, p. 795, (1855).
Artaxa digramma, Moore, Cat. Lep. Mus. E. I. C. ii, p. 350, pl. 16, figs. 5, 5*a*, (1859).
———— Walker. *loc. cit.* xxxii, p. 329, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
———— Lep. Ceyl. ii, p. 85, pl. 112, figs. 1, 1*a*, (1882).
———— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Sylhet, Nepal, Calcutta, Kanara, Burma, Ceylon, China, Java.

909. Artaxa dispersa.

Artaxa dispersa, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 6, (1879).

Darjiling.
Allied to A. *subfasciata*.

910. Artaxa erecta.

Artaxa erecta, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 6.

Kanara.

911. Artaxa fraterna.

Artaxa fraterna, Moore, Lep. Ceyl. ii, p. 85, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, Ceylon.

912. Artaxa howra.

Artaxa howra, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).

Calcutta.
Allied to *A. citrina*.

913. Artaxa inconcisa.

Artaxa inconcisa, Walker, Cat. Lep. Het. B. M. xxxii, p. 332, (1865).

I. M., Sikkim (Atkinson).
Collection Swinhoe, Darjiling.

914. Artaxa justiciæ.

Artaxa justiciæ, Moore, Cat. Lep. Mus. E. I. C. ii, p. 352, pl. 16, figs. 6, 6*a*, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 330, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Calcutta.
Allied to *A. atomaria*.

915. Artaxa limbata.

Artaxa limbata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 3, (1881).

I. M., Kulu (Purchased), Andaman Is. (purchased).
Collection Swinhoe, Simla.
Also recorded from Sikkim.

916. Artaxa princeps.

Artaxa princeps, Walker, Cat. Lep. Het. B. M. xxxii, p. 331, (1865).

N. India.

917. Artaxa pusilla.

Artaxa pusilla, Moore, Lep. Ceyl. ii, p. 86, pl. 112, fig. 4, (1882).
Euproctis pygmæa, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 156 note.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

I. M., Andaman Is. (purchased), Calcutta.
Collection Swinhoe, Karachi, Hubb River.
Also recorded from Ceylon.

918. Artaxa subfasciata.

Artaxa subfasciata, Walker, Cat. Lep. Het B. M. xxxii, p. 332, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
——————— Journ. As. Soc. Beng. liii, 2, 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Calcutta.
Collection Swinhoe, Cachar.
Also recorded from Sikkim.

919. Artaxa trifasciata.

Artaxa, trifasciata, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).

Cherrapunji.
Allied to *A. subfasciata*.

920. Artaxa unimacula.

Artaxa unimacula, Moore, Proc. Zool. Soc. Lond. 1879, p. 399.

Khasi Hills.
Allied to *A. digramma*.

921. Artaxa varians.

Artaxa varians, Walker, Cat. Lep. Het. B. M. iii, p. 796, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 848.
——————— Swinhoe, Proc. Zool. Soc Lond. 1885, p. 298.

I. M., Calcutta, Buxa (Moti Ram), Mergui (Anderson).
Collection Swinhoe, Poona, Bombay.
Also recorded from the Punjab, Tenasserim, China, and S. Africa.

922. Artaxa venosa.

Artaxa venosa, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 5, (1879).

Darjiling.

Genus **Somena**.

923. Somena irrorata.

Somena irrorata, Moore, Lep. Ceyl. ii, p. 87, pl. 111, fig. 2, (1882).

Ceylon.

924. Somena scintillans.

Somena scintillans, Walker, Cat. Lep. Het. B. M. vii, p. 1734, (1856).
——————— Moore, Lep. Ceyl. ii, p. 86, pl. 111, figs. 3, 3*a*, (1882).
Artaxa scintillans, Butler, Ill. Typ. Lep. Het. v, p. 52, pl. 90, fig. 1, (1881).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, and Ceylon.

925. Somena subnotata.

Orvasca subnotata, Walker, Cat. Lep. Het. B. M. xxxii, p. 502, (1865).
Somena subnotata, Moore, Lep. Ceyl. ii, p. 87, pl. 111, figs. 1, 1*a*, 1*b*, (1882).
Gomena (sic) *subnotata*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

Collection Swinhoe, Karachi.
Also recorded from Ceylon.

Genus **Cispia**.

926. Cispia punctifascia.

Cispia punctifascia, Walker, Cat. Lep. Het. B. M. iv, p. 857, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 53, pl. 90, fig. 4, (1881).
——————— Moore, Lep. Ceyl. ii, p. 91, pl. 113, fig. 3, (1882).

I. M., Buxa (Moti Ram).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

927. Cispia semisignata.

Cispia semisignata, Walker, Cat. Lep. Het. B. M, xxxii, p. 356, (1865).

S. India.

928. Cispia venosa.

Cispia venosa, Walker, Trans. Ent. Soc. Lond. (3), i, p. 264, (1862-64).
——————— Cat. Lep. Het. B. M. xxxii, p. 356, (1865).

I. M., Sikkim (Atkinson).

Genus **Porthesia.**

929. PORTHESIA MARGINALIS.

Euproctis marginalis, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).
Porthesia marginalis, Butler, Ill. Typ. Lep, Het. v, p. 51, pl. 89, fig. 12, (1881).
————————Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Mergui (Anderson).
Collection Swinhoe, Mhow, Punjab, Poona, Bombay.

930. PORTHESIA SUBDITA.

Euproctis subdita, Moore, Proc. Zool. Soc. Lond. 1879, p. 400.
Porthesia subdita, Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 5, 5*a* (1882).

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.
Allied to *P. auriflua* of Europe.

931. PORTHESIA SUBNIGRA.

Euproctis subnigra, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).

I. M., Sibsagar (Peal), Kulu (purchased).
Collection Swinhoe, Simla, Sikkim, Sibsagar.
Recorded from Cherrapunji and the Jawai Hills.

932. PORTHESIA VIRGUNCULA.

Euproctis virguncula, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, figs. 3, 3*a*, (1859).
———————— Snellen, Tijd. Ent. Hague xx, p. 14, pl. 1. fig. 7, (1877).

Punjab, Deccan, Ceylon, Java.

Genus **Euproctis.**

933. EUPROCTIS ANTICA.

Euproctis antica, Walker, Cat. Lep. Het. B. M, iv, p. 835, (1855).

Nepal, Hongkong.

934. EUPROCTIS ATOMARIA.

Euproctis atomaria, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).
———————— Snellen, Tijd. Ent. Hague xx, p. 11, pl. 1, fig. 4, (1877).

I. M., Mergui (Anderson).
Recorded from N. India and Java.

935. EUPROCTIS BIGUTTA.

Euproctis bigutta, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).
————————Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, (1859).
————————Lep. Ceyl. ii, p. 90, pl. 112, fig. 6*a*, (1882).

Kanara, Ceylon, Java.

936. Euproctis bimaculata.

Euproctis bimaculata, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).
——————— Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 6, 6*b*, (1882).

I. M., (?) Andaman Is. (purchased).
Also recorded from Ceylon.

937. Euproctis discinota.

Euproctis discinota, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.
Andaman Is.

938. Euproctis divisa.

Euproctis divisa, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).
Nepal, Punjab, Sylhet.

939. Euproctis flavonigra.

Euproctis flavonigra, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 11.
Nepal.

940. Euproctis gamma.

Euproctis gamma, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).

Sikkim.

941. Euproctis icilia.

Phalæna icilia, Stoll., Cram. Pap. Exot. v, p. 158, pl. 35, fig. 5, (1790).
Bombyx arenacea, Linn., Syst. Nat. i, 2, 828, 65.*
Phalæna (Bombyx) arenacea, Drury, Ins. i, p. 33, pl. 18, fig. 1, (1770).
Nygmia arenacea, Hübn, Verz. Bek. Schmett., p. 193, (1816).
Limacodes arenacea, Westw., Ed. Drury i, p. 32, pl. 18, fig. 1, (1837).*
Euproctis icilia, Walker, Cat. Lep. Het. B. M. vii, p. 1730, (1856).

Tranquebar.

942. Euproctis immaculata.

Euproctis immaculata, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
Java, Sikkim.

943. Euproctis kargalica.

Euproctis kargalica, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878).
——————— Second Yarkand Miss. Lep., p. 7, pl. 1, fig. 18, (1879).

I. M., Yarkand Type (2nd Mission).

944. Euproctis lactea.

Euproctis lactea, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878).
I. M., Yarkand Type (2nd Mission).

945. EUPROCTIS LATIFASCIA.

Leucoma latifascia, Walker, Cat. Lep. Het. B. iv, p. 831, (1855).
Euproctis latifascia, Butler, Ill. Typ. Lep. Het. B. M. v, p. 51, pl. 89, fig. 11, (1881).
Euproctis melanophila, Walker, *loc. cit.* xxxii, p. 349, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

I. M., Sikkim.
Collection Swinhoe, Darjiling.
Also recorded from Nepal.

946. EUPROCTIS LUNATA.

Euproctis lunata, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855); and vii, p. 1731, (1856).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 16, fig. 2, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 680.
——————— Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 9, (1881).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 400, pl. 14, figs. 5-5*c*.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.
——————— *loc. cit.*, 1886, p. 437.

I. M, Delhi.
Collection Swinhoe, Jullundur, Mhow, Poona.
Also recorded from Calcutta.

947. EUPROCTIS LUTESCENS.

Euproctis lutescens, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 10, (1881).
——————— Moore, Lep. Ceyl. ii, p. 90, pl. 113, fig. 1, (1882).

N. India, Ceylon.
I. M., a specimen with no history.

948. EUPROCTIS MADANA.

Euproctis madana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 345, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

949. EUPROCTIS METAMELANA.

Euproctis metamelana, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Cherrapunji.
Allied to *E. melanophila*.

950. EUPROCTIS POSTICA.

Euproctis postica, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Bombay.
Also recorded from Poona.

951. Euproctis postincisa.

Euproctis postincisa, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 5.

N.-E. Bengal.

952. Euproctis rana.

Euproctis rana, Moore, Proc. Zool. Soc. Lond. 1865, p. 806.
——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1915, (1866).

Sylhet.

953. Euproctis semivitta.

Euproctis semivitta, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 25. (1879).

Khasi Hills.

954. Euproctis tinctifera.

Euproctis tinctifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).
——— Moore, Lep. Ceyl. ii, p. 90, (1882).

Ceylon.

955. Euproctis variegata.

Euproctis variegata, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 24, (1879).

Darjiling.

956. Euproctis vilis.

Euproctis vilis, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).

S. India.

957. Euproctis vitellina.

Liparis vitellina, Kollar, Kaschmir Von Hugel, iv, p. 471, (1848).
Euproctis vitellina, Walker, Cat. Lep. Het. B. M. iv, p. 838, (1855).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

I. M., Kulu (purchased), Simla.
Collection Swinhoe, Simla, Satara.
Also recorded from Satara.

958. Euproctis xanthorrhæa.

Liparis xanthorrhæa, Kollar, Kaschmir Von Hügel, p. 470, (1848).
Euproctis xanthorrhæa, Walker, Cat. Lep. Het B. M. iv, p. 838, (1855).

Mussooree, Kashmir.

Genus **Pida.**

959. Pida albodentata.

Pida albodentata, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

N.-W. Himalayas.

960. PIDA APICALIS.

Pida apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 400, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
———— Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 15, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

961. PIDA LATIVITTA.

Pida lativitta, Moore, Descr. Ind. Lep. Atk. i. p. 49, pl. 2, fig. 18, (1879).

Darjiling.

Genus **Numenes.**

962. NUMENES PARTITA.

Numenes partita, Walker, Cat. Lep. Het. B. M. xxxi, p. 290, (1864).

Darjiling.

963. NUMENES PATRANA.

Numenes patrana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 367, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxi, p. 289, (1864).

Collection Swinhoe, Sikkim.
Also recorded from Bhotan.

964. NUMENES SILETTI.

Numenes siletti, Walker, Cat. Lep. Het. B. M. iii, p. 663, (1855).

I. M., Tavoy (Moti Ram), Cachar (Wood-Mason), Sikkim (purchased), N. Khasi Hills, Sibsagar.
Collection Swinhoe, Sylhet.
Also recorded from Java.

Genus **Chærotricha.**

965. CHÆROTRICHA BIPARTITA.

Chærotricha bipartita, Moore, Descr. Ind. Lep. Atk. i, p. 49, pl. 2, fig. 4, (1879).

Darjiling.

966. CHÆROTRICHA DECUSSATA.

Chærotricha decussata, Moore, Ann, Mag. N. H. (4), xx, p. 345, (1877).
———— Lep. Ceyl. ii, p. 91, pl. 113, figs. 2, 2*a*, 2*b*; (1882).
Euproctis decussata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.

Collection Swinhoe, Nilgiri Hills, Poona, Bombay.
Also recorded from Ceylon.
Allied to *C. plana*.

967. Chærotricha immaculata.

Chærotricha immaculata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 14, (1881).

Darjiling.

968. Chærotricha leithiana.

Artaxa leithiana, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 9.

I. M., a specimen with no locality (Anderson).
Collection Swinhoe, Poona, Bombay, Belgaum.
Also recorded from Kanara.

969. Chærotricha marginata.

Chærotricha marginata, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879).

Darjiling.
Allied to *C. plagiata*.

970. Chærotricha plagiata.

Cispia plagiata, Walker, Cat. Lep. Het. B. M. iv, p. 858, (1855).

Nepal.

971. Chærotricha plana.

Euproctis plana, Walker, Cat. Lep. Het. vii, p. 1731, (1856).
Chærotricha plana, Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 13,(1881).

Collection Swinhoe, Bengal.
Also recorded from Darjiling.

972. Chærotricha quadrangularis.

Chærotricha quadrangularis, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 23, (1879).

Manipur, E. Bengal.

973. Chærotricha uniformis.

Chærotricha uniformis, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879).

Darjiling.
Allied to *C. plagiata*.

974. Chærotricha varia.

Euproctis varia, Walker, Cat. Lep. Het. B. M. iv, p. 840, (1855).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 9*a*, fig. 5, (1859)

Collection Swinhoe, Simla, Sikkim.

Genus **Dasychira.**

975. Dasychira albescens.

Dasychira albescens, Moore, Descr. Ind. Lep. Atk. i, p. 59, pl. 3, fig. 2, (1879).

Darjiling.
Allied to *D. cinctata*.

976. Dasychira bhana.

Dasychira bhana, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Collection Swinhoe, Darjiling.
Allied to *D. tenebrosa*.

977. Dasychira brunnescens.

Dasychira brunnescens, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).
Darjiling.

978. Dasychira cinctata.

Dasychira cinctata, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879).
Darjiling.

979. Dasychira convergens.

Dasychira convergens, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet.

980. Dasychira fasciata.

Dasychira fasciata, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879).
Darjiling.

981. Dasychira flavimacula.

Dasychira flavimacula, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Darjiling.

982. Dasychira grotei.

Dasychira grotei, Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. xv, figs. 1, 1*a*, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

India, Penang.

983. Dasychira kausalia.

Dasychira kausalia, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

Collection Swinhoe, Simla.
Also recorded from Kasauli.
Allied to *D. horsfieldi* and *D. strigata*.

984. Dasychira maruta.

Dasychira maruta, Moore, Cat. Lep. Mus. E. I. C. ii, p. 339, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
——————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 58, pl. 91, fig. 6, (1881).

Darjiling.

985. Dasychira mœrens.

Dasychira mœrens, Felder, Reise Novara Lep., pl. 99, fig. 4, (1864-75).

Ceylon.

986. Dasychira nigritula.

Dasychira nigritula, Walker, Cat. Lep. Het. B. M. xxxii, p. 360, (1865).

N. India.

987. Dasychira niveosparsa.

Dasychira niveosparsa, Butler, Ill. Typ. Lep. Het. B. M. v, p. 59, pl. 91, fig. 7, (1881).

Darjiling.

988. Dasychira perdix.

Dasychira perdix, Moore, Descr. Ind. Lep. Atk. i, p. 58, pl. 3, fig. 3, (1879).

Darjiling.

989. Dasychira strigata.

Dasychira strigata, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879).

Garhwal, Simla.
Allied to *D. kausalia*.

990. Dasychira tenebrosa.

Dasychira tenebrosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 361, (1865); and xxxv, p. 1916, (1866).

Darjiling.

991. Dasychira thwaitesii.

Dasychira thwaitesii, Moore, Lep. Ceyl. ii, p. 98, pl. 116, figs. 1, 1*a*, 1*b*, (1882).

Collection Swinhoe, Ceylon.

992. Dasychira varia.

Dasychira varia, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1855).

E. Indies.

Genus **Gazalina.**

993. GAZALINA APSARA.

Dasychira apsara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).
———————— Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).
Gazalina apsara, Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
N. India.

994. GAZALINA CHRYSOLOPHA.

Liparis chrysolopha, Köllar, Kaschmir Von Hügel, iv, p. 470, (1848).
Dasychira antica, Walker, Cat. Lep. Het. B. M. iv, p. 867, (1855).
Oligoclona chordigera, Felder, Reise Novara Lep., pl. 94, fig. 10, (1864-75).
Gazalina antica, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 4, (1881).
I. M., Darjiling, Kulu.
Collection Swinhoe, Sikkim.
Also recorded from Almora.

995. GAZALINA TRANSVERSA.

Gazalina transversa, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 22, (1879).
Darjiling.

996. GAZALINA VENOSATA.

Gazalina venosata, Walker, Cat. Lep. Het. B. M. xxxii, p. 398, (1865).
———————— Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 5, (1881).
Oligoclona nervosa, Felder, Reise Novara Lep., pl. 95, fig. 8, (1864-75).
I. M., Darjiling.
Collection Swinhoe, Sikkim.
Also recorded from Barrackpore.

Genus **Mardara.**

997. MARDARA CALLIGRAMMA.

Mardara calligramma, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865), also xxxv, p. 1918, (1866).
I. M., Sikkim (purchased).
Collection Swinhoe, Simla, Darjiling.

998. MARDARA COMPLICATA.

Dasychira complicata, Walker, Cat. Lep. Het. B. M. xxxii, p. 362, (1865).
Trisula pustulifera, Walker, *loc. cit.*, p. 576, (1865).
Mardara complicata, Butler, Ill. Typ. Lep. Het. v, p. 58, pl. 91, figs. 4-5, (1881).
I. M., Darjiling.
Collection Swinhoe, Darjiling.
Also recorded from Barrackpore.

Genus **Lymantria.**

999. LYMANTRIA ALBOLUNULATA.

Lymantria albolunulata, Moore, Proc. Zool. Soc. Lond. 1879, p. 403.
Collection Swinhoe, Simla.
Also recorded from Dharmsala.

1000. Lymantria aryama.

Lymantria aryama, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).
——————————— Proc. Zool. Soc. Lond. 1867, p. 681.

Kanara.

1001. Lymantria asoetria.

Lymantria asoetria, Hübn., Samml. Exot. Schmett., 2, figs. (1-4).*
——————————— Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).
——————————— Moore, Journ. As. Soc. Beng., vol. lv, pt. 2, p. 98, (1886).

I. M., Tavoy (Moti Ram).
Also recorded from Java.

1002. Lymantria basinigra.

Lymantria basinigra, Moore, Proc. Zool. Soc Lond. 1865, p. 805.
——————————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Balasore.

1003. Lymantria beatrix.

Bombyx beatrix, Stoll., Cram. Suppl. Pap. Exot. v, p. 173, pl. 40, fig. 2, (1790).
Lymantria beatrix, Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
Lymantria marginata, Walker, Cat. Lep. Het. B. M. iv, p. 877, (1855).
——————————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 12, (1881).

Batavia, Sylhet.
Collection Swinhoe, Dharmsala.

1004. Lymantria cara.

Lymantria cara, Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 13, (1881).

I. M., Sikkim (purchased), Sibsagar (Peal).
Also recorded from Bhotan and Borneo.

1005. Lymantria concolor.

Lymantria concolor, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).
——————————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 55, pl. 90, figs. 8, 9, (1881).

Sikkim.

1006. Lymantria costalis.

Lymantria costalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865).

S. India.

1007. Lymantria fuliginosa.

Lymantria fuliginosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

Collection Swinhoe, Bombay, Khandalla.

1008. Lymantria grandis.

Lymantria grandis, Walker, Cat. Lep. Het. B. M. iv, p. 874, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, figs. 1-2, (1881).
——————— Moore, Lep. Ceyl., ii, p. 99, (1882).
Lymantria maculosa, Walker, *loc. cit.*, iv, p. 881, (1855).
Lymantria metarhoda, Walker, *loc. cit.*, xxxii, p. 365, (1865).

I. M., Darjiling (Barnes), Buxa (Moti Ram).
Collection Swinhoe, Darjiling, Simla.
Also recorded from Ceylon and Australia.

1009. Lymantria grisea.

Lymantria grisea, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 5, (1879).

Darjiling.

1010. Lymantria lunata.

Phalæna lunata, Cramer, Pap. Exot. iv, pl. 369, fig. C, (1781).
Porthetria lunata, Hübn., Verz. Bek. Schmett, p. 160, (1816).
Lymantria lunata, (Part), Walker, Cat. Lep. Het. B. M iv, p. 879, (1855).
——————— Semper, Verh., Zool. Botan. Ges. Wien. xvii, p. 701, (1867).

Collection Swinhoe, Simla.
Also recorded from Amboina and Hongkong.

1011. Lymantria micans.

Lymantria micans, Felder, Reise Novara Lep., pl. 99, fig. 2, (1864-75).

Sylhet.
Allied to *L. superans* and *L. concolor*.

1012. Lymantria munda.

Lymantria munda, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).
———————Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 681.
Imaus mundus, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).

I. M., Darjiling (purchased), Buxa (Moti Ram).
Collection Swinhoe, Sylhet.
Also recorded from Cherrapunji and Java.

1013. Lymantria obfuscata.

Lymantria obfuscata, Walker, Cat. Lep. Het. B. M. xxxii, p. 367, (1865).

Collection Swinhoe, Kulu, Simla.

1014. Lymantria obsoleta.

Lymantria obsoleta, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859).
——————— Lep. Ceyl. ii, p. 100, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.
——————— Proc. Zool. Soc. Lond. 1886, p. 438

LYMANTRIA OBSCLETA,—*continued.*

Lymantria lunata, var. B, Walker, *loc. cit.* 879, (1855).
Lymantria bhascara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).

I. M. Cachar (Wood-Mason).
Collection Swinhoe, Nilgiri Hills, Mhow, Bombay, Poona, Matheran.
Also recorded from Sikkim, Ceylon, and Hongkong.

1015. LYMANTRIA PUSILLA.

Lymantria pusilla, Felder, Reise Novara Lep,. pl. 99, fig. 3, (1864-75).
Bengal.

1016. LYMANTRIA RHODINA.

Lymantria rhodina, Walker, Cat. Lep. Het. B. M. xxxii, p. 366, (1865).
India.

1017. LYMANTRIA SIMILIS.

Lymantria similis, Moore, Proc. Zool. Soc. Lond. 1879, p. 402.
Calcutta.
Allied to *L. superans.*

1018. LYMANTRIA SOBRINA.

Lymantria sobrina, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 5.
I. M., Calcutta.
Collection Swinhoe, India.
Also recorded from Dharmsala.
Allied to *L. superans.*

1019. LYMANTRIA SUPERANS.

Lymantria superans, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 55, pl. 90, figs. 10 & 11, (1881).
I. M., Khasi Hills (purchased), Shillong, Kulu (purchased), Almorah (purchased), Cherrapunji.
Collection Swinhoe, Simla, Sikkim.

1020. LYMANTRIA TODARA.

Lymantria todara, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 6.
Nilgiri Hills.

1021. LYMANTRIA VINACEA.

Lymantria vinacea, Moore, Proc. Zool. Soc. Lond.
Kanara.

Genus **Pegella.**

1022. PEGELLA BIVITTATA.

Pegella bivittata, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).
Lymantria lineata, (Part), Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).

Darjiling.

1023. PEGELLA LINEATA.

Lymantria lineata, Part, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
Pegella lineata, Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, fig. 3, (1881).

I. M., Naga Hills, Dunsiri, N. Khasi Hills.
Collection Swinhoe, Buxar.
Also recorded from Sylhet.

Genus **Porthetria.**

1024. PORTHETRIA BROTEA.

Phalæna brotea, Cramer, Pap. Exot. iv, pl. 322, fig. E, (1780).
Porthetria brotea, Hübn., Verz. Bek. Schmett, p. 160, (1816).
Lymantria brotea, Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).

Coromandel, Amboina.

1025. PORTHETRIA LEPCHA.

Porthetria lepcha, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).

Darjiling.

1026. PORTHETRIA MATHURA.

Lymantria mathura, Moore, Proc. Zool. Soc. Lond. 1865, p. 805.
———————Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).
Porthetria mathura, Moore, Descr. Ind. Lep. Atk. i, p. 55, Note (1879).

Collection Swinhoe, Sylhet.
Also recorded from Darjiling.

1027. PORTHETRIA UMBRINA.

Porthetria umbrina, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 4, (1879).

Darjiling.

Genus **Enome.**

1028. ENOME AMPLA.

Enome ampla, Walker, Cat. Lep. Het. B. M. iv, p. 883, (1855).
———————Moore, Cat. Lep. Mus. E. I. C. ii, p. 346, pl. 9*a*, figs. 4, pl. xv, figs. 7, 7*a*, 8, 8*a*, (1859).
———————Proc. Zool. Soc. Lond. 1867, p. 681.
———————Lep. Ceyl. ii, p. 79, pl. 109, figs. 2, 2*a*, 2*b*, (1882).
———————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

I. M., Yunan, Ceylon (Colombo Museum).
Collection Swinhoe, Sikkim, Poona.

1029. Enome detersa.

Lymantria detersa, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865).
Enome detersa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300, pl. 21, figs. 3, 4.
——————— Proc. Zool. Soc., Lond. 1886, p. 438.
Pachenome detersa, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.

Collection Swinhoe, Mhow, Sattara, Belgaum, Poona.
Also recorded from (?) Mauritius.

1030. Enome incerta.

Lymantria incerta, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).
Pseudomesa incerta, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402.
Enome incerta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.
——————— Proc Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Satara, Mhow.

Genus **Pseudomesa.**

1031. Pseudomesa quadriplagiata.

Pseudomesa quadriplagiata, Walker, Cat. Lep. Het. B. M. iv, p. 923, (1855).
——————— Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 6, (1881).

Sylhet.
I. M., Buxa (Moti Ram).

Genus **Aroa.**

1032. Aroa clara.

Aroa clara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, figs. 9, 10.

Collection, Swinhoe, Bombay.
Allied to *A. pyrrhochroma*.

1033. Aroa pyrrhochroma.

Aroa pyrrhochroma, Walker, Cat. Lep. Het. B. M. xxxii, p. 329, (1865).

I. M., Buxar (Moti Ram), Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sikkim, Buxa, Mandi.
Also recorded from Cherrapunji.

1034. Aroa sagrara.

Aroa sagrara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, fig. 13.

Belgaum.

Genus **Olene.**

1035. Olene basivitta.

Rilia basivitta, Walker, Cat. Lep. Het. B. M. xxxii, p. 436, (1865).
Olene basivitta, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 2, (1882).

Ceylon.

1036. OLENE FUSIFORMIS.

Nioda fusiformis, Walker, Cat. Lep. Het. B. M. v, p. 1070, (1855).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 401, pl. 15, figs. 5—5*f*.
Olene fusiformis, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 3, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 297, pl. 20, fig. 8.
———— *loc. cit.* 1886, p. 438.

Collection Swinhoe, Simla, Cawnpore, Mhow, Karachi, Poona, Bombay.
Also recorded from Ceylon.

1037. OLENE MENDOSA.

Olene mendosa, Hübn., Zutr. Exot. Schmett, figs. 293-294, (1823).*
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, pl. 15, figs. 3, 3*a*, (1859).
———— Felder, Reise Novara, pl. 99, fig. 6, (1864-75).
———— Moore, Lep. Ceyl. ii, p. 96, pl. 115, figs. 4, 4*a*, 4*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.
Rilia lanceolata, Walker, Cat. Lep. Het. B. M. v, 1075, (1855).
Olene lanceolata, Butler, Ill. Typ. Lep. Het. vi, p. 1, pl. 106, fig. 6, (1886).

Collection Swinhoe, Poona.
Also recorded from Sylhet, Kanara, Ceylon, and Java.

1038. OLENE OLEARIA.

Olene olearia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297, pl. 20, figs. 14-15.

Collection Swinhoe, Poona.

Genus **Antipha**.

1039. ANTIPHA ANTICA.

Lacida antica, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).
Anaxila notata, Walker, *loc. cit.*, p. 919, (1855).
Antipha antica, Moore, Lep. Ceyl ii, p. 80, pl. 110, fig. 3, (1882).

Ceylon.

1040. ANTIPHA BASALIS.

Antipha basalis, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).

E. Indies.

1041. ANTIPHA COSTALIS.

Antipha costalis, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).
———— Moore, Lep. Ceyl. ii, p. 81, pl. 110, figs. 2, 2*a*, 2*b*, (1882).
Lacida complens, Walker, *loc. cit.*, xxxii, p. 336, (1865).
Rilia illepida, Walker, *loc. cit.*, p. 436, (1865).

Ceylon.

1042. Antipha promittens.

Lacida promittens, Walker, Cat Lep. Het. B. M. xxxii, p. 337, (1865).
Antipha promittens, Moore, Lep. Ceyl. ii, p. 81, (1882).

Ceylon.

1043. Antipha strigulifera.

Lacida strigulifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 336, (1865).
Antipha strigulifera, Moore, Lep. Ceyl. ii, p. 81, (1882).

Ceylon.

Genus **Cnethocampa.**

1044. Cnethocampa basifurca.

Cnethocampa basifurca, Walker, Cat. Lep. Het. B. M. xxxii, p. 430, (1865).

S. India.

1045. Cnethocampa cheela.

Thaumatopœa cheela, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, figs. 3, 3*a*.

Collection Swinhoe, Simla.
Also recorded from Umballa.

1046. Cnethocampa curvata.

Cnethocampa curvata, Walker, Cat. Lep. Het. B. M. xxxii, p. 429, (1865).

India.

Genus **Nagunda.**

1047. Nagunda semicincta.

Alope semicincta, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).
Nagunda semicincta, Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 7, (1881).

I. M. Sikkim (purchased).
Collection Swinhoe; Simla.

Genus **Redoa.**

1048. Redoa clara.

Redoa clara, Walker, Cat. Lep. Het. B. M. xxxii, p. 343, (1865).

Collection, Swinhoe, Sikkim.

1049. Redoa cygna.

Redoa cygna, Moore, Proc. Zool. Soc. Lond. 1879, p. 491.

N.-E. Bengal.

1050. REDOA CYMBICORNIS.

Redoa cymbicornis, Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 2, (1881).

Darjiling.

1051. REDOA DIAPHANA.

Redoa diaphana, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879).

Darjiling.
Allied to *R. lactea*.

1052. REDOA FLAVESCENS.

Redoa flavescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.

S. Andaman Is.

1053. REDOA LACTEA.

Redoa lactea, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879).

Collection Swinhoe, Darjiling.

1054. REDOA SERICEA.

Redoa sericea, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.

Andaman Is.

1055. REDOA SUBMARGINATA.

Redoa submarginata, Walker, Cat. Lep. Het. B. M. iv, p. 826, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 336, pl. 14, figs. 11, 11*a*, (1859).
——————— Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 3, (1881).
——————— Moore, Lep. Ceyl. ii, p. 92, pl. 113, fig. 4, (1882).
——————— Journ. As. Soc. Beng. liii, pt. 2, p. 235, (1884).

I. M., Buxa (Moti Ram), Sikkim (purchased), Cachar (Wood-Mason), Sibsagar (Peal).
Collection Swinhoe, Ceylon.
Also recorded from Sylhet and Java.

Genus **Himala.**

1056. HIMALA ARGENTEA.

Redoa argentea, Walker, Cat. Lep. Het. B. M. iv, p. 827, (1855).
Dasychira ilita, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).
——————— Walker, *loc. cit.*, xxxii, p. 359, (1864).
Himala argentea, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 6, (1881).
——————— Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).

Collection Swinhoe ; Simla.
Also recorded from Assam, Darjiling, Dehra Dhun.

Genus **Mahoba.**

1057. MAHOBA IRRORATA.

Mahoba irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 52, (1879).

Darjiling.

1058. MAHOBA PLAGIDOTATA.

Cyclidia plagidotata, Walker, Cat. Lep. Het. B. M. xxv, p. 1483, (1862).
Mahoba plagiodotata(sic), Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 3, fig. 6 (1879).

Darjiling.

Genus **Somera.**

1059. SOMERA VIRIDIFUSCA.

Somera viridifusca, Walker, Cat. Lep. Het. B. M. iv, p. 882, (1855).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 20, pl. 104, fig. 7, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus **Thiacidas.**

1060. THIACIDAS POSTICA.

Thiacidas postica, Walker, Cat. Lep. Het. B. M. v, p. 1028, (1855).
——————— Moore, Cat. Lep. Mus E. I. C. ii, p. 371, (1859).
Thiacides (sic) *postica*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.
——————— ——————— *loc. cit.*, 1885, p. 302, pl. 21, figs. 1, 1*a*, 2.

Collection Swinhoe, Karachi, Bombay.
Also recorded from Nepal, Kanara.

Genus **Odagra.**

1061. ODAGRA DEVESTITA.

Odagra devestita, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

Genus **Baryaza.**

1062. BARYAZA CERVINA.

Baryaza cervina, Moore, Descr. Ind. Lep. Atk. i, p. 45, pl. 3, fig. 1, (1879).

Darjiling.

Genus **Heracula.**

1063. HERACULA DISCIVITTA.

Heracula discivitta, Moore, Proc. Zool. Soc., Lond. 1865, p. 804, pl. 43, fig. 2.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1918, (1866).

Darjiling.

Genus **Caviria.**

1064. CAVIRIA CYGNA.

Caviria cygna, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

S. Andaman Is.

Genus **Locharna.**

1065. LOCHARNA STRIGIPENNIS.

Locharna strigipennis, Moore, Descr. Ind. Lep. Atk. i, p. 53, pl. 3, fig. 11, (1879.

Khasi Hills.

Genus **Penora.**

1066. PENORA SILHETICA.

Penora silhetica, Walker, Cat. Lep. Het. B. M, xxxii, p. 341, (18(
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet.

1067. PENORA VENOSA.

Penora venosa, Walker, Cat. Lep. Het. B. M. iv, p. 822, (1855).
——————Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 1, (1881).

N. India.

Genus **Procodeca.**

1068. PROCODECA ANGULIFERA.

Prorodeca (sic) *angulifera*, Walker iv, p. 919, (1855).

I. M., Mergui (Anderson).

1069. PROCODECA TESTACEA.

Procodeca testacea, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.

Bengal.

Genus **Echlida.**

1070. ECHLIDA SUBJECTA.

Echlida subjecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 387, (1865).

S. India.

Genus **Bazisa.**

1071. BAZISA DETECTA.

Bazisa detecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 399, (1865).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Calcutta.

Genus **Stilpnotia.**

1072. STILPNOTIA OCHRIPES.

Stilpnotia ochripes, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879).

Darjiling.

1073. STILPNOTIA SERICEA.

Stilpnotia sericea, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879).
Charala sericea, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Mussooree, Darjiling.

1074. STILPNOTIA SORDIDA.

Stilpnotia sordida, Walker, Cat. Lep. Het. B. M. vii, p. 1732, (1856).

Sylhet.

Genus **Repena.**

1075. REPENA CERVINA.

Repena cervina, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855).

E. Indies.

Genus **Patana.**

1076. PATANA DISPAR.

Patana dispar, Walker, Cat. Lep. Het. B. M. iv, p. 820, (1855).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

E. Indies, Calcutta.

Genus **Harapa.**

1077. HARAPA TESTACEA.

Harapa testacea, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 15, (1879).

Darjiling.

Genus **Caragola.**

1078. CARAGOLA COSTALIS.

Caragola costalis, Moore, Descr. Ind. Lep. Atk. i, p. 46, pl. 2, fig. 21, (1879).

Darjiling.

Genus **Cadrusia.**

1079. CADRUSIA VIRESCENS.

Cadrusia virescens, Moore, Descr. Ind. Lep. Atk. i, p. 54, pl. 3, fig. 16, (1879).

I. M., Shillong.
Also recorded from Darjiling.

Genus **Trichia.**

1080. TRICHIA EXIGUA.

Trichia exigua, Nietner, Enemies of Coffee, Ceylon, p. 20, (1861).*
———— Moore, Lep. Ceyl. ii, p. 100, (1882).

Ceylon.

Genus **Trisuloides.**

1081. TRISULOIDES CATOCALINA.

Trisuloides catocalina, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.

Darjiling.

1082. TRISULOIDES SERICEA.

Trisuloides sericea, Butler, Ann. Nat. Hist. (5), vii, p. 36, (1881).

Shillong, Darjiling.

Genus **Barhona.**

1083. BARHONA CARNEOLA.

Barhona carneola, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879).

Collection Swinhoe, Darjiling.

Genus **Dura.**

1084. DURA ALBA.

Dura alba, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879).

Darjiling.

Genus **Caltura.**

1085. CALTURA ALBA.

Caltura alba, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.
———— Lep. Ceyl. ii, p. 98, pl. 114, figs. 2, 2*a*, 2*b*, (1882).

Collection Swinhoe, Ceylon.

Genus **Daplasa.**

1086. DAPLASA IRRORATA.

Daplasa irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 2, fig. 17, (1879).

Darjiling.

Genus **Bembina.**

1087. BEMBINA APICALIS.

Bembina apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 505, (1865).
———— Moore, Lep. Ceyl. ii, p. 88, pl. 111, fig. 5, (1882).

Ceylon.

Genus **Kanchia.**

1088. KANCHIA SUBVITREA.

Leucoma subvitrea, Walker, Cat. Lep. Het. B. M. xxxii, p. 344, (1865).
Kanchia subvitrea, Moore, Lep. Ceyl. ii, p. 93, pl. 113, fig. 5, (1882).

Collection Swinhoe, Ceylon.
Also recorded from India.

Genus **Amsacta.**

1089. AMSACTA TENEBROSA.

Amsacta tenebrosa, Walker, Cat. Lep. Het. B. M. vii, p. 1725, (1856); and xxxii, p. 338, (1865).

N. India, Ceylon.

Genus **Psalis.**

1090. PSALIS SECURIS.

Psalis securis, Hübner, Zuträge, Samml. Exot Schmett. iii, 9, 146, figs. 291-92, (1823),*
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. 14, figs. 12, 12*a*, (1859).
———— Lep. Ceyl. ii, p. 95, pl. 115, figs. 1, 1*a*, (1882).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.
———— Swinhoe, Proc Zool. Soc. Lond 1886, p. 438.
Arestha antica, Walker, Cat. Lep. Het. B. M. iv, p. 805, (1855).
Drepana securis, Walker, *loc. cit.* vii, p. 1762, (1856).
Rigema falcata, Walker, *loc. cit.* xxxii, p. 437, (1865).
Anticyra approximata, Walker, *loc. cit.*, p. 440 (1865).

I. M., Kulu (purchased).
Collection Swinhoe; Ceylon, Mhow, Bisnaggar, Guzerat.
Also recorded from Java.

FAMILY BOMBYCIDÆ.

Genus **Trilocha.**

1091. TRILOCHA ALBICOLLIS.

Naprepa albicollis, Walker, Journ. Linn. Soc. Lond. vi, p. 171, (1862).
———— Cat. Lep. Het. B. M. xxxii, p. 488, (1865).
Trilocha albicollis, Forsayeth, Trans. Ent. Soc. Lond. (1884), p. 408, pl. 15, figs. 10, 10*a*.

Mhow, Borneo.

1092. TRILOCHA CERVINA.

Naprepa cervina, Walker, Cat. Lep. Het. B. M. xxxii, p. 489, (1865).

India.

1093. TRILOCHA VARIANS.

Naprepa varians, Walker, Cat. Lep. Het. v, p. 1153, (1855).
Trilocha varians, Moore, Cat. Lep. Mus. E. I. C. ii, p. 382, pl. 11*a*, fig. 6, (1859).
——————— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 331, pl. 19, figs. 1-2, (1864-66).
——————— Moore, Wardle's Wild Silks of India, p. 4, (1881).
——————— Lep. Ceyl. ii, p. 136, pl. 133, figs. 1, 1*a*, 1*b*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302.
——————— Proc. Zool. Soc. Lond. 1886, p. 440.

Collection Swinhoe, Mhow, Satara, Poona, Bombay.
Also recorded from Ceylon, Hongkong.

Genus **Bombyx.**

1094. BOMBYX ARRACANENSIS.

Bombyx arracanensis, Hutton, Trans. Ent. Soc. Lond (3) ii, p. 313, (1864-66).
——————— Moore, Wardle's Wild Silks of India, p. 3, (1881).

Arracan.

1095. BOMBYX CRŒSI.

Bombyx crœsi, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 312, (1864-66).
——————— Moore, Wardle's Wild Silks of India, 1881, p. 3.
——————— Proc. Zool. Soc. Lond. 1867, p. 683.

Bengal.
Known as "Nistry," "Madrassee," "Small Pat," and "Monthly Silkworm."

1096. BOMBYX FORTUNATUS.

Bombyx fortunatus, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. (312), pl. 19; fig. 3, (1864-66).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
——————— Wardle, Wild Silks of India, p. 3, (1881).

Bengal.
Known as the "Dassi Silkworm."

1097. BOMBYX LUGUBRIS.

Noctua lugubris, Drury, Exot. Ins. iii, p. 28, pl. 21, fig. 5, (1782).
Bombyx lugubris, ——Ed. Westw., pl. 21, fig. 5, (1837).*
Bombyx penthica, Hübn. Verz. Bek. Schmett, p. 191, (1816).

Madras.

1098. Bombyx mori.

Phalæna mori, Linn., Syst. Nat. ii, p. 817, 33, (1767).
Bombyx mori, Fabr., Sp. Ins. ii, p. 180, 57, (1781).
———— Hübn., Verz. Bek. Schmett., p. 191, (1816).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1505, (1855).
———— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 303, pl. 19, figs. 7-8, (1864-66).
———— Moore, Wardle's Wild Silks of India, p. 3, (1881).

N. China, Cashmere, Persia, Syria, Europe.
Known as the "Annual" or "Cashmere Worm."

1099. Bombyx sinensis.

Bombyx sinensis, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 313, (1864-66).
————- Moore, Wardle's Wild Silks of India, p. 3, (1881).

China, Bengal.
Known as the "Sina" or "Cheena Monthly Worm."

1100. Bombyx textor.

Bombyx textor, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 309, (1864-66).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
————Wardle's Wild Silks of India, p. 3, (1881).

Bengal, China.
Known as "Boropooloo," or "Pat Major."

Genus **Theophila.**

1101. Theophila affinis.

Bombyx affinis, Hutton, Geoghegan's "Silk in India," Appendix A, p. 3, (1871).
————Journ. Agri.-Hort. Soc. India, N. S. iii, p. 131, (1872).

1102. Theophila bengalensis.

Bombyx bengalensis, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 322, pl. 19, fig. 5, (1864-66).
Theophila bengalensis, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Wardle's Wild Silks of India, p. 4, (1881).

Bengal.

1103. Theophila huttoni.

Bombyx huttoni, Westw., Cat. Or. Ent. p. 26, pl. 12, fig. 4, (1848).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1506, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 379, (1859).
———— Hutton, Trans. Ent. Soc. Lond, 3, ii, p. 318, pl. 19, fig. 4, (1864-66).
Theophila huttoni, Moore, Wardle's, Wild Silks of India, p. 4, (1881).

I. M. No locality (Hutton ?), Sikkim (purchased).
Collection Swinhoe, Simla.
Also recorded from Mussooree.

1104. THEOPHILA RELIGIOSA.

Bombyx religiosa, Helfer, Journ. As. Soc. Beng. vi, 41, 3, pl. 6, (1837).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1506, (1855).
———— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 325.
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
Theophila religiosa, Moore, Wardle's Wild Silks of India, p. 4, (1881).

E. Indies.

1105. THEOPHILA SHERWILLI.

Bombyx sherwilli, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 324, (1864-66).
Theophila sherwilli, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Wardle's Wild Silks of India, p. 4, (1881).

India.

Genus **Hanisa.**

1106. HANISA SUBNOTATA.

Bombyx subnotata, Walker, Journ. Linn. Soc. Lond. iii, p. 188, (1859).
———— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 324 (1864-66).
Hanisa subnotata, Moore, Proc. Zool. Soc. Lond. 1879, p. 406.

India, Singapore.

Genus **Primosticta.**

1107. PRIMOSTICTA FENESTRATA.

Primosticta fenestrata, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).
———— Ill. Typ. Lep. Het. B. M. vi, p. 20, pl. 106, fig. 5, (1886).

Darjiling.

Genus **Ocinara.**

1108. OCINARA COMMA.

Ocinara comma, Hutton, Trans. Ent. Soc. Lond (3) ii, p. 330, (1864-66).

I. M., Dehra Dhun (Hutton ?).

1109. OCINARA DIAPHANA.

Ocinara diaphana, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879).
————Wardle's Wild Silks of India, p. 4, (1881).

Khasi Hills.

1110. OCINARA LACTEA.

Ocinara lactea, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 328, pl. 19, fig. 6, (1864-66).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Wardle's Wild Silks of India, p. 3, (1881).

I. M. No locality (Hutton?), Kulu (purchased).
Collection Swinhoe, Simla.

1111. Ocinara moorei.

Ocinara moorei, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 326, (1864-66).
———— Moore, Wardle's Wild Silks of India, p. 4, (1881).

India.

Genus **Aristhala.**

1112. Aristhala sikkima.

Aristhala sikkima, Moore, Proc. Zool. Soc. Lond. 1879, p. 406, pl. 33, fig. 3.

Darjiling.

1113. Aristhala thwaitesii.

Aristhala thwaitesii, Moore, Lep. Ceyl. ii, p. 136, pl. 133, fig. 2, (1882).

Ceylon.

Family NOTODONTIDÆ.

Sub-family CAREINÆ.

Genus **Sybrida.**

1114. Sybrida inordinata.

Sybrida inordinata, Walker, Cat. Lep. Het. B. M. xxxii, p. 466, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 8, (1886).

Darjiling.

Genus **Torona.**

1115. Torona ferrifera.

Torona ferrifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 468, (1865).

India.

Genus **Arunda.**

1116. Arunda opponens.

Arunda opponens, Walker, Cat. Lep. Het. B. M. xxxii, p. 467, (1865).

S. India.

Genus **Dabarita.**

1117. Dabarita icterica.

Dabarita icterica, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439, pl. 40, fig. 8.

Collection Swinhoe, Mhow.

1118. Dabarita subtilis.

Dabarita subtilis, Walker, Cat. Lep. Het. B. M. x, p. 479, (1856).
———— Moore, Lep. Ceyl. ii, p. 117, pl. 123, figs. 3, 3*a*, (1882).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 408, pl. 14, figs. 4-4*b*.
———— Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, figs. 6, 7, (1886).

I. M., Calcutta (deNiceville), Andaman Is. (purchased).
Collection Swinhoe, Sikkim.
Also recorded from N. India, Ceylon, and Java.

Genus **Brada.**

1119. Brada truncata.

Brada truncata, Walker, Cat. Lep. Het. B. M. xv, p. 1666, (1858).
———— Moore, Lep. Ceyl. ii, p. 118, pl. 122, figs. 2, 2*a*, 2*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay, Poona, Khandalla.
Also recorded from Ceylon.

Genus **Carea.**

1120. Carea obsolescens.

Carea obsolescens, Trans. Ent. Soc. Lond. 1884, p. 356.

Bombay, Coonoor.

1121. Carea varipes.

Carea varipes, Walker, Cat. Lep. Het. B. M. x, p. 475, (1856).
———— Moore, Lep. Ceyl. ii, p. 116, pl. 123, figs. 1, 1*a*, (1882).
Chora curvifera, Walker, Journ. Linn. Soc. Lond. vi, p. 188, (1862).
Dabarita rhodophila, Walker, Cat. Lep. Het. B. M. xxxiii, p. 718, (1865).

I. M., Sibsagar (Peal).
Also recorded from Ceylon, Malacca, Sarawak and Java.

Genus **Elydna.**

1122. Elydna transversa.

Elydna transversa, Walker, Cat. Lep. Het. B. M. xv, p. 1713, (1858).

India.

Sub-family DICRANURINÆ.

Genus **Cerura.**

1123. Cerura damodara.

Cerura damodara, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

N.-E. Bengal.

1124. Cerura himalayana.

Cerura himalayana, Moore, MS.

Collection Swinhoe, Himalayas.

1125. Cerura prasana.

Cerura prasana, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

N.-E. Bengal.

Genus **Harpyia.**

1126. Harpyia kandyia.

Harpyia kandyia, Moore, Lep. Ceyl. ii, p. 108, pl. 120, figs. 1, 1*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

1127. Harpyia liturata.

Cerura liturata, Walker, Cat. Lep. Het. B. M. v, p. 988, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, (1859).
Dicranura argentea, Felder, Reise Novara, pl. 96, fig. 6, (1864-75).
Harpyia liturata, Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 7, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal), Akra (Cleghorn), Goalpara.
Collection Swinhoe, Sylhet, Sibsagar.
Also recorded from Madras.

Genus **Stauropus.**

1128. Stauropus albescens.

Stauropus albescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

Collection Swinhoe, Bombay.
Also recorded from South India.

1129 Stauropus alternus.

Stauropus alternus, Walker, Cat. Lep. Het. B. M. v, p. 1020, (1855).
——————— Moore, Cat. Lep Mus. E. I. C. ii, p. 371, pl. 18, figs. 4, 4*a*, (1859).
——————— Lep. Ceyl. ii, p. 109, pl. 119, figs. 1, 1*a*, 1*b*, (1882).

Collection Swinhoe, Simla.
Also recorded from Sylhet, Kanara, Ceylon, and Java.

1130. Stauropus apicalis.

Stauropus apicalis, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879).

Darjiling.

1131. Stauropus indicus.

Stauropus indicus, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

N.-E. Bengal.

1132. Stauropus sikkimensis.

Stauropus sikkimensis, Moore, Proc. Zool. Soc. Lond. 1865, i, p. 811, pl. 43, fig. 5.

Darjiling.

1133. Stauropus vinaceus.

Stauropus vinaceus, Moore, Proc. Zool. Soc. Lond. 1879, p. 404, pl. 33, fig. 1.

India.

1134. Stauropus virescens.

Stauropus virescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

Darjiling.

Sub-family NOTODONTINÆ.

Genus **Anticyra**.

1135. Anticyra combusta.

Anticyra combusta, Walker, Cat. Lep. Het. B. M. v, p. 1092, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 432, pl. 13*a*, fig. 5, and pl. 23, figs. 3, 3*a*, (1859).
Dinara lineolata, Walker, *loc. cit.*, vii, p. 1700, (1856).

Collection Swinhoe, Java, Karachi, Poona.
Also recorded from the Philippine Is.

Genus **Antheua**.

1136. Antheua discalis.

Antheua discalis, Walker, Cat. Lep. Het. B. M. iii, p. 767, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 431, pl. 13*a*, fig. 4, and pl. 23, figs. 2, 2*a*, (1859).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 12, pl. 104, figs. 2-3, (1886).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Sibsagar (Peal), Kulu (purchased), Cherra.
Collection Swinhoe, Simla, Nilgiri Hills, Mhow, Bombay, Ceylon.
Also recorded from Moulmein, Burma, and Java.

1137. Antheua exanthemata.

Antheua exanthemata, Moore, Lep. Ceyl. ii, p. 111, pl. 119, fig. 2, (not pl. 104,) (1882).

Ceylon.

Genus **Chadisra**.

1138. Chadisra bipars.

Chadisra bipars, Walker, Trans. Ent. Soc. Lond. (3), i, p. 82, (1862-64).
——————— Cat. Lep. Het. B. M. xxxii, p. 441, (2865).

India.

Genus **Sphetta.**

1139. SPHETTA APICALIS.

Sphetta apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 457, (1865).
———— Moore, Lep. Ceyl. ii, p. 114, pl. 121, figs. 2, 2*a*, (1882).

Ceylon.

1140. SPHETTA BIOCELLATA.

Sphetta biocellata, Moore, Proc. Zool. Soc. Lond. 1879, p. 405.

Bombay.

1141. SPHETTA MOOREI.

Sphetta apicalis, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1879, p. 405, pl. 33, fig. 7.

Darjiling.

Genus **Besaia.**

1142. BESAIA RUBIGINEA.

Besaia rubiginea, Walker, Cat. Lep. Het. B. M. xxxii, p. 459, (1865).
———— Butler, Ill. Typ. Lep. Het. vi, p. 22, pl. 104, fig. 10, (1886.)

India.

Genus **Ceira.**

1143. CEIRA BASISTRIGA.

Ceira basistriga, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).

Darjiling.

1144. CEIRA DECURRENS.

Ceira decurrens, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).

Cherrapunji.

1145. CEIRA JUNCTURA.

Ceira junctura, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).

Darjiling.

1146. CEIRA METAPHÆA.

Ceira metaphæa, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).
———— Moore, Lep. Ceyl. ii, p. 112, pl. 119, fig. 3, (1882)

Ceylon.

1147. CEIRA OCHRACEA.

Ceira ochracea, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).

Darjiling.

1148. CEIRA POSTICA.

Ceira postica, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).

Darjiling.

Genus **Niganda**.

1149. NIGANDA ALBISTRIGA.

Niganda albistriga, Moore, Descr. Ind. Lep. Atk. i. p. 64, (1879).
Darjiling.

1150. NIGANDA AURATA.

Niganda aurata, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879).
Collection Swinhoe, Darjiling.
Also recorded from Khasi Hills.

1151. NIGANDA DIVISA.

Niganda divisa, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).
Darjiling.

1152. NIGANDA SIKKIMA.

Niganda sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879).
Darjiling.

1153. NIGANDA STRIGIFASCIA.

Niganda strigifascia, Moore, Descr. Ind. Lep. Atk. i, p. 63, pl. 3, fig. 15, (1879).
Darjiling.

Genus **Celeia**.

1154. CELEIA AURITRACTA.

Celeia auritracta, Moore, Proc. Zool. Soc. Lond. 1865, p. 811.
N.-E. Bengal.

1155. CELEIA DISRUPTA.

Celeia disrupta, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).
Darjiling.

1156. CELEIA PLUSIATA.

Celeia plusiata, Walker, Cat. Lep. Het. B. M. xxxii, p. 463, (1865).
Kanara.

1157. CELEIA SIKKIMA.

Celeia sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 63, (1879).
Darjiling.

Genus **Paravetta**.

1158. PARAVETTA DISCINOTA.

Paravetta discinota, Moore, Proc. Zool. Soc. Lond. 1865, p. 814, pl 43. fig. 3.
Darjiling.

1159. Paravetta sikkima.

Paravetta sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).

Darjiling.

Genus **Anodonta.**

1160. Anodonta pulcherrima.

Anodonta pulcherrima, Moore, Proc. Zool. Soc. Lond. 1865, p. 814, pl. 43, fig. 4.

N.-E. Bengal.

Genus **Lophopteryx.**

1161. Lophopteryx argentata.

Lophopteryx argentata, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
——————— Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).*

Darjiling.

1162. Lophopteryx ferruginosa.

Lophopteryx ferruginosa, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
——————— Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).*

Darjiling.

1163. Lophopteryx flavistigma.

Lophopteryx flavistigma, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).

Darjiling.

1164. Lophopteryx saturata.

Lophopteryx saturata, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865), and xxxv, p. 1929, (1866).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 1, (1886).

I. M., Darjiling.

Genus **Drymonia.**

1165. Drymonia denotata.

Drymonia denotata, Walker, Cat. Lep. Het. B. M. xxxii, p. 414, (1865).

N. India.

Genus **Cetola.**

1166. Cetola dentata.

Cetola dentata, Walker, Cat. Lep. Het. B. M. v, p. 1016, (1855).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 48.

Collection Swinhoe, Mhow.
Also recorded from Nepal.

Genus **Heterocampa.**

1167. HETEROCAMPA ARGENTIFERA.

Heterocampa argentifera, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.
——————— Walker, Cat Lep. Het. B. M. xxxv, p. 1930, (1866).

Collection Swinhoe, Darjiling.

1168. HETEROCAMPA BASALIS.

Heterocampa basalis, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).

Darjiling.

1169. HETEROCAMPA BRUNNEA.

Heterocampa brunnea, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).

Darjiling.

1170. HETEROCAMPA IRRORATA.

Heterocampa irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).

Darjiling.

1171. HETEROCAMPA MACULATA.

Heterocampa maculata, Moore, Descr. Ind. Lep. Atk i, p. 60, (1879).
——————— Waterhouse, Aid. ii, pl. 132, fig. 6, (1883).*

Collection Swinhoe, Darjiling.

1172. HETEROCAMPA OBLIQUIPLAGA.

Heterocampa obliquiplaga, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).

Darjiling.

1173. HETEROCAMPA PLAGIVIRIDIS.

Heterocampa plagiviridis, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).

Darjiling.

1174. HETEROCAMPA SIKKIMA.

Heterocampa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 930, (1865).

Darjiling.

1175. HETEROCAMPA VARIEGATA.

Heterocampa variegata, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).

Darjiling.

Genus **Cleapa.**

1176. CLEAPA LATIFASCIA.

Cleapa latifascia, Walker, Cat. Lep. Het. B. M. v, p. 1037, (1855).
E. Indies.

Genus **Gluphisia.**

1177. GLUPHISIA INDICA.

Gluphisia indica, Walker, Cat. Lep. Het. B. M. v, p. 1039, (1855).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 157.
Collection Swinhoe, Simla, Dharmsala.

1178. GLUPHISIA SINUATA.

Gluphisia sinuata, Moore, Proc. Zool. Soc. Lond., 1879, p. 405.
N.-E. Bengal.

Genus **Damata.**

1179. DAMATA LONGIPENNIS.

Damata longipennis, Walker, Cat. Het. B. M. v, p. 1044, (1855).
———— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 24, pl. 106, fig. 10, (1886).
I. M., Darjiling.
Collection Swinhoe, Sikkim.

Genus **Nerice.**

1180. NERICE PALLIDA.

Nerice pallida, Walker, Cat. Lep. Het. B. M. v, p. 1077, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
Nepal.

Genus **Apela.**

1181. APELA DIVISA.

Apela divisa, Walker, Cat. Lep. Het. B. M. v, p. 1093, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
Nepal.

Genus **Pydna.**

1182. PYDNA FASCIATA.

Pydna fasciata, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).
Darjiling.
Allied to *P. testacea.*

1183. PYDNA INDICA.

Pydna indica, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
Calcutta.

1184. Pydna testacea.

Pydna testacea, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856).

India.

Genus **Bireta.**

1185. Bireta galbana.

Bireta galbana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Mhow.

1186. Bireta longivitta.

Bireta longivitta, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856).

Collection Swinhoe, Simla, Sikkim.

1187. Bireta xanthophila.

Menapia xanthophila, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. i, (1886).

N. India.
I. M., specimens with no history.

Genus **Dudusa.**

1188. Dudusa sphingiformis.

Dudusa sphingiformis, Moore, Proc. Zool. Soc. Lond. 1872, p. 577, pl. 34, fig. 1.

I. M., Sikkim (purchased).

Genus **Nadata.**

1189. Nadata niveiceps.

Trabala niveiceps, Walker, Cat. Lep. Het. B. M. xxxii, p. 554, (1865).
Nadata niveiceps, Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. 8, (1886).

N. India.

Genus **Notodonta.**

1190. Notodonta basalis.

Notodonta basalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.

Darjiling.

1191. Notodonta ejecta.

Notodonta ejecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 411, (1865).
———— Moore, Lep. Ceyl. ii, p. 112, (1882).

Ceylon.

1192. Notodonta sikkima.

Notodonta sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 68, (1879).

Darjiling.

Genus **Ichthyura.**

1193. Ichthyura argentea.

Ichthyura argentea, Butler, Ill. Typ. Lep. Het B. M. vi, p. 24, pl. 102, fig. 12, (1886).

Darjiling.

1194. Ichthyura ferruginea.

Ichthyura ferruginea, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.

N.-E. Bengal.

1195. Ichthyura fulgurita.

Ichthyura fulgurita, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).

I. M., Calcutta.
Collection Swinhoe, Dharmsala.
Also recorded from South India and Shanghai.

1196. Ichthyura indica.

Ichthyura indica, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.

Bengal.

1197. Ichthyura restitura.

Ichthyura restitura, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).
———— Moore, Lep. Ceyl. ii, p. 115, pl. 122, figs. 1, 1*a*, 1*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Subathoo, Mhow, Poona.
Also recorded from Ceylon.

Genus **Ingura.**

1198. Ingura cristatrix.

Ingura cristatrix, Guen., Noct. iii, p. 313, 1122.*
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 605.

Andaman Is.

1199. Ingura subapicalis.

Abrostola, subapicalis, Walker, Cat. Lep Het. B. M. xii, p. 883, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
Ingura recurrens, Walker, *loc. cit.*, xv, p. 1779, (1858).
Ingura subapicalis, Butler, Proc. Zool. Soc. Lond. (1883), p. 157.

Collection Swinhoe, Simla, Darjiling, Karachi.
Also recorded from Solun and Calcutta.

Genus **Ptilophora.**

1200. PTILOPHORA KASHGHARA.

Ptilophora kashghara, Moore, Ann. Nat. Hist. (5), i, p. 231, (1878).
——————— 2nd Yarkand Mission Lep., p. 8, pl. 1, fig. 19, (1879).

Kashgar.

Genus **Tarsolepis.**

1201. TARSOLEPIS FULGURIFERA.

Crino fulgurifera, Walker, Cat. Lep. Het. B. M. xiv, p. 1347, (1857).
Tarsolepis fulgurifera, Butler, Ill. Typ. Lep. Het. vi, p. 23, pl. 106, fig. 9, (1886).

N. India.

Genus **Rosama.**

1202. ROSAMA PLUSIOIDES.

Rosama plusioides, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).

Darjiling.

Genus **Spatalia.**

1203. SPATALIA GEMMIFERA.

Spatalia gemmifera, Moore, Descr. Ind. Lep. Atk. i, p. 62, pl. 3, fig. 14, (1879).

I. M., Sikkim (purchased).

Genus **Hoplitis.**

1204. HOPLITIS STRIGATA.

Hoplitis strigata, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 13, (1879).

Kanara.

Genus **Pheosia.**

1205. PHEOSIA ALBIFASCIA.

Pheosia albifascia, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).

Darjiling.

1206. PHEOSIA BASALIS.

Pheosa (sic) *basalis*, Moore, Lep. Ceyl. ii, p. 113, pl. 121, figs. 1, 1*a*, (1882).

Ceylon.

1207. PHEOSIA COSTALIS.

Pheosia costalis, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).

Darjiling.

1208. Pheosia sikkima.

Pheosia sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).
Darjiling.

Genus **Rachia.**

1209. Rachia plumosa.

Rachia plumosa, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).
——————— Proc. Zool. Soc. Lond. 1879, p. 405, pl. 34, fig. 1.
Darjiling.

Genus **Danaka.**

1210. Danaka pyraliformis.

Danaka pyraliformis, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 3, fig. 10, (1879).
Darjiling.

Genus **Beara.**

1211. Beara castanea.

Beara castanea, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 2, fig. 9, (1879).
Darjiling.

1212. Beara dichromella.

Beara dichromella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1703, (1866).
——————— Moore, Lep. Ceyl. ii, p. 115, pl. 123, figs, 2, 2*a*, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus **Moma.**

1213. Moma champa.

Moma champa, Moore, Proc. Zool. Soc. Lond. 1879, p. 403, pl. 33, fig. 2.
Collection Swinhoe; Kasauli.
Also recorded from Dharmsala.

Genus **Oxicesta.**

1214. Oxicesta marmorea.

Oxicesta marmorea, Moore, 2nd Yarkand Mission Lep., p. 8, pl. 1, fig. 17, (1879).
I. M., Yarkand.

Genus **Netria.**

1215. Netria viridescens.

Netria viridescens, Walker, Cat. Lep. Het. B. M. vi, p. 1504, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 372, pl. 11*a*, fig. 3, (1859).
——————— Lep. Ceyl. ii, p. 110, pl. 120, figs. 2, 2*a*, (1882).
Ceylon, Java.

Genus **Baradesa.**

1216. BARADESA LITHOSIOIDES.

Baradesa lithosioides, Moore, Proc. Zool. Soc. Lond. 1883, p. 17, pl. 5, fig. 2.

I. M., Sikkim (purchased), Sylhet.
Collection Swinhoe; Sikkim.

Genus **Zaranga.**

1217. ZARANGA PANNOSA.

Zaranga pannosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 357.

Collection Swinhoe, Simla.
Also recorded from Umballa.

SUB-FAMILY CALPINÆ.

Genus **Calpe.**

1218. CALPE BICOLOR.

Calpe bicolor, Moore, Proc. Zool. Soc. Lond. 1883, p. 19.
———— Waterhouse, Aid, iii, pl. 150, fig. 4.*

Punjab.
Allied to *C. ophideroides.*

1219. CALPE FASCIATA.

Calpe fasciata, Moore, Ind. Lep. Atk. ii, p. 151, (1882).
Hypocalpe fasciata, Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

Collection, Swinhoe, Simla, Sikkim, Bombay.
Also recorded from Solun.

1220. CALPE MINUTICORNIS.

Calpe minuticornis, Guen., Noct. ii, p. 374, (1852).*
———— Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
———— Lep. Ceyl. iii, p. 78, pl. 153, figs. 3, 3*a*, (1884).
———— Proc. Zool. Soc. Lond. 1883, p. 19.

Collection Swinhoe, Darjiling.
Also recorded from Java, Bombay, Ceylon.

1221. CALPE OPHIDEROIDES.

Calpe ophideroides, Guen., Noct. ii, p. 374, (1852).*
———— Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).

Also recorded from Nepal, Landaur, Singapore.
Collection Swinhoe, Simla.

1222. Calpe orthograpta.

Calpe orthograpta, Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 2, (1886).

I. M., Darjiling (purchased).

Genus **Gadera.**

1223. Gadera incitans.

Gadera incitans, Walker, Cat. Lep. Het. B. M. xii, p. 964, (1857).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, fig. 5, (1886).

N. India.

Genus **Oræsia.**

1224. Oræsia argyrosigna.

Oræsia argyrosigna, Moore, Lep. Ceyl. iii, p. 77, pl. 153, fig. 4, (1884).

Ceylon.

1225. Oræsia emarginata.

Noctua emarginata, Fabr., Ent. Syst. iii, 2, p. 82, 240, (1794).
Oræsia emarginata, Guen., Noct. ii, p. 363, 1203, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
——————— Lep. Ceyl. iii, p. 76, pl. 153, figs. 2, 2*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301; and 1886, p. 439.
——————— Proc. Zool. Soc. Lond. 1886, p. 438.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 26, pl. 107, fig. 4, (1886)
Oræsia alliciens, Walker, *loc. cit.*, p. 945, (1857).
Oræsia tentans, Walker, *loc. cit.*

I. M., Darjiling, Ceylon (Colombo Museum).
Collection Swinhoe, Simla, Sylhet, Mhow, Poona, Bombay, Ceylon.
Also recorded from China.

1226. Oræsia provocans.

Oræsia provocans, Walker, Cat. Lep. Het. B. M. xii, p. 943, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Sylhet, S. Africa.

1227. Oræsia rectistria.

Oræsia rectistria, Guen., Noct. ii, p. 363, 1204, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857).
——————— Moore, Proc. Zool. Soc. Lond 1867, p. 63.

Collection Swinhoe, Sylhet.

1228. Oræsia vagabunda.

Oræsia vagabunda, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 5.

Collection Swinhoe, Karachi.

Genus **Cyphanta.**

1229. Cyphanta xanthochlora.

Cyphanta xanthochlora, Walker, Cat. Lep. Het. B. M. xxxiii, p. 856, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 25, pl. 107, fig. 3, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Arsacia.**

1230. Arsacia frontirufa.

Arsacia frontirufa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301, pl. 20. fig. 12.

Bombay.

1231. Arsacia saturatalis.

Arsacia saturatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1260, (1865).
Arsacia saturalis, Moore, Lep. Ceyl. iii, p. 78, pl. 152, fig. 8, (1884).

Ceylon.

Genus **Culasta.**

1232. Culasta indecisa.

Culasta indecisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 377.
——————— Descr. Ind. Lep. Atk. ii, p. 151, (1882).

Collection Swinhoe, Bombay, Satara.
Also recorded from Madras and Benares.

Genus **Ambadra.**

1233. Ambadra ernestina.

Corma ernestina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 20, fig. 2.

Collection Swinhoe, Bombay.

Family DREPANULIDÆ.

Genus **Thymistada.**

1234. Thymistada tripunctata.

Thymistada tripunctata, Walker, Cat. Lep. Het. B. M. xxxii, p. 515, (1865).

India.

Genus **Drepana.**

1235. Drepana albonotata.

Drepana albonotata, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879).

Collection Swinhoe, Sikkim.
Also recorded from Parisnath.

1236. Drepana biocularis.

Drepana biocularis, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 9, (1879).

Darjiling.

1237. Drepana duplexa.

Drepana duplexa, Moore, Proc. Zool. Soc. Lond. 1865, p. 816, pl. 43, fig. 8.

Darjiling.

1238. Drepana flava.

Drepana flava, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 7, (1879).

Darjiling.

1239. Drepana pallida.

Drepana pallida, Moore, Descr. Ind. Lep. Atk. i, p. 84, (1879).

Darjiling.

1240. Drepana patrana.

Drepana patrana, Moore, Proc. Zool. Soc. Lond. 1865, p. 816.

Darjiling.

1241. Drepana postica.

Drepana postica, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 8, (1879).

Darjiling.

1242. Drepana sadana.

Drepana sadana, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.

Darjiling.

1243. Drepana specularis.

Drepana specularis, Moore, Proc. Zool. Soc. Lond. 1879, p. 407.
——————— Lep. Ceyl. ii, p. 120, pl. 124, fig. 2, (1882).
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 18, pl. 106, fig. 3, (1886).

Darjiling, Ceylon.

1244. Drepana vinacea.

Drepana vinacea, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).

Darjiling.

1245. Drepana vira.

Drepana vira, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.

Collection Swinhoe, Simla, Darjiling.

Genus **Oreta**.

1246. Oreta extensa.

Oreta extensa, Walker, Cat. Lep. Het. B. M. v, p. 1166, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 370, pl. 11*a*, fig. 2; and pl. 18, fig. 3, (1859).
———————Proc. Zool. Soc. Lond. 1867, p. 683.
———————Lep. Ceyl. ii, p. 119, pl. 124, figs. 3, 3*a*, (1882).
Oreta suffusa, Walker, *loc. cit.*, p. 1167, (1855).

Collection Swinhoe, Simla.
Also recorded from Java and Ceylon.

1247. Oreta obtusa.

Oreta obtusa, Walker, Cat. Lep. Het. B. M. v, p. 1167, (1855).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Sylhet.

1248. Oreta pavica.

Oreta pavica, Moore, Proc. Zool. Soc. Lond. 1865, p. 815.

Darjiling.

1249. Oreta sanguinea.

Oreta sanguinea, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).

Collection Swinhoe, Darjiling.

1250. Oreta vatama.

Oreta vatama, Moore, Proc. Zool. Soc. Lond. 1865, p. 816.

Darjiling.

Genus **Lonomia.**

1251. LONOMIA VITTIPALPIS.

Lonomia vittipalpis, Walker, Char. Undescr. Lep. Het. 1869, p. 90.

Benares.

Genus **Callidrepana.**

1252. CALLIDREPA NAOCHREA.

Callidrepana ochrea, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, fig. 10, (1886).

Darjiling.

Genus **Agnidra.**

1253. AGNIDRA DISCISPILARIA.

Agnidra discispilaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Bengal.

1254. AGNIDRA MUSCULARIA.

Fascellina muscularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1554, (1866).
Agnidra muscularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 619, pl. 32, fig. 2.

N. India.

1255. AGNIDRA SPECULARIA.

Fascellina specularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1553, (1866).
Agnidra specularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 618, pl. 32, fig. 2.
——— Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, figs. 11, 12, (1886).

Darjiling.

1256. AGNIDRA USTA.

Agnidra usta, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 106, fig. 2, (1886).

Darjiling.

Genus **Auzata.**

1257. AUZATA SEMIPAVONARIA.

Auzata semipavonaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1620, (1862).
——— Butler, Ill. Typ. Lep. Het. vi, p. 18, pl. 106, fig. 1, (1886).

Collection Swinhoe, Simla.

Genus **Macrocilix.**

1258. MACROCILIX MYSTICATA.

Argyris mysticata Walker, Cat. Lep. Het. B. M. xxvi, p. 1617, (1862).
——— Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 4, (1886).
Macrocilix mysticata, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.

Collection Swinhoe, Dharmsala.
Also recorded from Darjiling.

Genus **Argyris.**

1259. ARGYRIS DELIARIA.

Argyris deliaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1861).

Collection Swinhoe, Simla, Sikkim, Matheran, Khandalla, Ceylon.

Also recorded from Sylhet, Nepal, and Hongkong.

1260. ARGYRIS DELPHIARIA.

Argyris delphiaria, Guen., Phal. ii, p. 14, 911.*
———————— Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1864).

Punjab.

Allied to *A. deliaria*.

1261. ARGYRIS EXTRUSATA.

Ephyra extrusata, Walker, Cat. Lep. Het. B. M. xxii, p. 637, (1861).
Argyris extrusata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 441.

Collection Swinhoe, Mhow, Mirzapore, Bombay, Poona.

Also recorded from Ceylon.

1262. ARGYRIS INSIGNATA.

Argyris insignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.

Bengal.

1263. ARGYRIS OCELLATA.

Argyris ocellata, Herrich Schaff. Eur. Schmett. iii, p. 97, pl. 23, figs. 125, 126.*
———————— Walker, Cat. Lep. Het. B. M. xxiii; p. 807, (1861).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 645.
———————— Journ. As. Soc. Beng. liii, (2), 3, p. 237, (1884).
Caloptera ocellata, Walker, *loc. cit.* vi, p. 1377 (1855).
Argyris ommatoporaria, Guen., Phal. ii, p. 13.*

Bengal, Crete, Syria.

Genus **Cobanilla.**

1264. COBANILLA MARGINATA.

Cobanilla marginata, Moore, Lep. Ceyl. ii, p. 121, pl. 124, fig. 4, (1882).

Ceylon.

FAMILY LIMACODIDÆ.

Genus **Scopelodes.**

1265. SCOPELODES AUROGRISEA.

Scopelodes aurogrisea, Moore, Lep. Ceyl. ii, p. 126, pl. 128, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

1266. Scopelodes palpalis.

Scopelodes palpalis, Walker, Cat. Lep. Het. B. M. v, p. 1105, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, pl. 21, figs. 2, 2*a*, (1859).
Dalcera palpigera, Herr Schaff., Lep. Exot. Nov. Ser. i, fig. 109, (1856).*

Collection Swinhoe, Assam.
Also recorded from Java.

1267. Scopelodes sericea.

Scopelodes sericea, Butler, Ann, Mag. N. H. (5), vi, p. 63, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 3, pl. 101, fig. 6](1886).

I. M., Sikkim (purchased).
Allied to *S. testacea*.

1268. Scopelodes testacea.

Scopelodes testacea, Butler, Ill. Typ. Lep. Het. vi, p. 3, pl. 101, fig. 5, (1886).
Scopelodes unicolor, Walker (*nec* Westw.), Cat. Lep. Het. B. M. v, p. 1104, (1855).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet and Moulmein.

1269. Scopelodes ursina.

Scopelodes ursina, Butler, Ill. Typ. Lep. Het. vi, p. 3, pl. 101, figs. 7, 8, (1886).

I. M., Sikkim (purchased).
Also recorded from Sylhet.
Allied to *S. vulpina*.

1270. Scopelodes venosa.

Scopelodes venosa, Walker, Cat. Lep. Het. B. M. v, p. 1105.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

1271. Scopelodes vulpina.

Scopelodes vulpina, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig. 22, (1879).

Darjiling.

Genus **Natada**.

1272. Natada basalis.

Natada basalis, Walker, Cat. Lep. Het. B. M. v, p. 1110, (1855).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303, and 1886, p. 439.

Collection Swinhoe, Bombay, Mhow.

1273. NATADA RUFESCENS.

Natada rufescens, Walker, Cat. Lep. Het. B. M. v, p. 1109, (1855).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 10, (1886).

N. India.

1274. NATADA VELUTINA.

Gastropacha velutina, Kollar, Kaschmir Von Hügel, iv, p. 473, (1848).
——————— Walker, Cat. Lep. Het B. M. vi, p. 1394, (1855).
Natada rugosa, Walker, *loc. cit.*, p. 1109, (1855).
Phocoderma, velutina, Butler, Ill. Typ. Lep. Het. vi, p. 4, pl. 102, fig. 1, (1886).

I. M , Sikkim (purchased), Cachar (Wood-Mason).
Collection Swinhoe, Malda, Poona.
Also recorded from Mussooree and Sind.

Genus **Thosea.**

1275. THOSEA CERVINA.

Thosea cervina, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).
——————— Lep. Ceyl. ii, p. 130, pl. 129, figs. 2, 2*a*, (1882).

Ceylon.

1276. THOSEA DUPLEXA.

Thosea duplexa, Moore, Lep. Ceyl. ii, p. 130, pl. 131, fig. 3, (1882).

I. M., Sibsagar.
Also recorded from Ceylon.

1277. THOSEA UNIFASCIA.

Thosea unifascia, Walker, Cat. Lep. Het. B. M. v, p, 1068, (1855).

India.

Genus **Contheyla.**

1278. CONTHEYLA THORACICA.

Contheyla thoracica, Moore, Descr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 7, (1879).

Darjiling.

1279. CONTHEYLA VESTITA.

Contheyla vestita, Walker, Cat. Lep. Het. B. M. xxxii, p. 385, (1865).

S. India.

Genus **Parasa.**

1280. PARASA APICALIS.

Limacodes apicalis, Walker, Cat. Lep. Het. B. M. v. p. 1150, (1855).
Parasa apicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

Sylhet.

1281. Parasa bicolor.

Neœra bicolor, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).
Parasa bicolor, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 11, (1886).

I. M., Calcutta, Sibsagar (Peal).
Collection Swinhoe, Sikkim, N. Canara.

1282. Parasa hilaris.

Limacodes hilaris, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 3, (1848).
Neœra hilaris, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).

Central India.

1283. Parasa isabella.

Parasa isabella, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Bengal.

1284. Parasa læta.

Limacodes læta, Westw., Cab. Or. Ent., p. 50, (1848).
Nyssia læta, Walker, Cat. Lep. Het. B M. v, p. 1137, (1855).
Parasa retracta, Walker, *loc. cit.*, xxxii, p. 483, (1865).
Parasa læta, Moore, Lep. Ceyl. ii, p. 127, pl. 130, fig. 1, (1882).

I. M., Calcutta (Anderson).
Collection Swinhoe, Canara.
Also recorded from Ceylon.

1285. Parasa laleana.

Parasa laleana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 417, pl. 21, fig. 12, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

1286. Parasa lepida.

Phalæna Noctua lepida, Cramer, Pap. Exot. ii, pl. 130, fig. 2, (1777).
Limacodes graciosa, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 4, (1848).
Neœra graciosa, Walker, Cat. Lep. Het. B. M. v, p. 1139, (1855).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.
Parasa lepida, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, pl. 21, figs. 3*a*, *b*, *c*, *d*, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 684.
———— Lep. Ceyl. ii, p. 127, pl. 128, figs. 2, 2*a*, 2*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303 and 1886, p. 439.

I. M., Calcutta (Anderson, DeNiceville).
Collection Swinhoe, Mhow, Bombay, Ceylon.

1287. Parasa nararia.

Parasa nararia, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 8, 8*a*, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India.

1288. Parasa pastoralis.

Parasa pastoralis, Butler, Ann. Mag. N. H. (5), vi, p. 63, (1880).
————Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 9, (1886)

Bhotan.

1289. Parasa punica.

Neæra punica, Boisd., Herr Schäff., Lep. Exot. i, fig. 177.*
———— Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).
Parasa punica, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Sylhet.

1290. Parasa repanda.

Neæra repanda, Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).
Parasa repanda, Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 5, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal).

1291. Parasa retractata.

Limacodes retractata, Walker, Cat. Lep. Het. B. M. xxxii, p. 487, (1865) and xxxv, p. 1938, (1866).

Collection Swinhoe, Darjiling.

1292. Parasa similis.

Letois similis, Felder, Reise Novara, pl. 82, fig. 15, (1864-75).
Parasa similis, Moore, Lep. Ceyl. ii, p. 128, pl. 130, fig. 2. (1882).

Ceylon.

1293. Parasa unicolor.

Parasa unicolor, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 7 7*a*, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

Genus **Aphendala.**

1294. Aphendala aperiens.

Miresa aperiens, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).
Aphendala aperiens, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 4, 4*a*, (1882).

I. M., Ceylon (Colombo Museum).

1295. Aphendala cana.

Parasa cana, Walker, Cat. Lep. Het. B. M. xxxii, p. 484, (1865).
Aphendala cana, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 3, 3*a*, 3*b*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

Collection Swinhoe, Poona.
Also recorded from S. India and Ceylon.

1296. Aphendala divaricata.

Aphendala divaricata, Moore, Trans. Ent. Soc. Lond. 1884, p. 376.

I. M., Cachar (Wood-Mason, Type), Sibsagar (Peal).

1297. Aphendala ochracea.

Aphendala ochracea, Moore, Lep. Ceyl. ii, p. 129, pl. 129, figs. 3, 3*a*, (1882).

Ceylon.

1298. Aphendala transversata.

Aphendala transversata, Walker, Cat. Lep. Het. B. M. xxxii, p. 495, (1865).
———— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 8, (1886).

Collection Swinhoe, Kulu.
Also recorded from S. India.

1299. Aphendala tripartita.

Aphendala tripartita, Moore, Trans. Ent. Soc. Lond. 1884, p. 376.
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 398, pl. 14, fig. 14.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439.

Collection Swinhoe, Mhow.
Also recorded from Manpuri and Jubbulpore.

Genus **Rabila.**

1300. Rabila frontalis.

Rabila frontalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 508, (1865).
———— Moore, Lep. Ceyl. ii, p. 135, pl. 132, fig. 5, (1882).

Ceylon.

Genus **Susica.**

1301. Susica cosmiana.

Susica cosmiana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440, pl. 40, fig. 9.

Collection Swinhoe, Mhow.
Allied to *S. fraterna*.

1302. Susica fraterna.

Susica fraterna, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 2, 2*a*, (1882).

Ceylon.

1303. Susica pallida.

Susica pallida, Walker, Cat. Lep. Het. B. M. v, p. 1114, (1855).
———— Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 4, (1886).

E. Indies, Nepal.

1304. Susica signata.

Susica signata, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

Genus **Miresa.**

1305. Miresa albipuncta.

Nyssia albipuncta, Herr Schaff, Lep. Exot. i, fig. 179.*
Miresa albipuncta, Walker, Cat. Lep. Het. B. M. v, p. 1123, (1855).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397, pl. 14, figs. 8—8*c*.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439.
Miressa (sic) *albipuncta*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, (1859).

Collection Swinhoe, Mhow, Darjiling.

1306. Miresa argentifera.

Miresa argentifera, Walker, Cat. Lep. Het. B. M. v, p. 1124, (1865).
———— Moore, Lep. Ceyl. ii, p. 128, pl. 129, figs. 1, 1*a*, (1882).

I. M., Sibsagar, Shillong.
Collection Swinhoe, North Canara.
Also recorded from Ceylon.

1307. Miresa bracteata.

Miresa bracteata, Butler, Ann. Mag. N. H. (5), vi, p. 64, (1880).
———— Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 2, (1886).

Collection Swinhoe, Darjiling.

1308. Miresa brevilinea.

Miresa brevilinea, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Darjiling.

1309. Miresa castaneipars.

Miresa castaneipars, Moore, Proc. Zool. Soc. Lond. 1865, p. 819.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1936, (1866).

Darjiling.

1310. Mires acuprea.

Miresa cuprea, Moore, Descr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 8, (1879).

Darjiling.

1311. Miresa decedens.

Miresa decedens, Walker, Cat. Lep. Het. v, p. 1125, (1855).
———— Butler, Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 3, (1886).

N. India.

1312. Miresa guttifera.

Miresa guttifera, Walker, Cat. Lep. Het. B. M. v, p. 1124, (1855).

E. Indies.

1313. Miresa inornata.

Miresa inornata, Walker, Cat. Lep. Het. B. M. v, p. 1125, (1855).

Collection Swinhoe, Kunawar.
Also recorded from Bengal.

1314. Miresa mollis.

Miresa mollis, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).

S. India.

1315. Miresa nivaha.

Miressa (sic) *nivaha*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859).
Miresa nivaha, Walker, Cat. Lep. Het. B. M. xxxii, p. 474, (1865).

Kanara.

Genus **Nyssia.**

1316. Nyssia herbifera.

Nyssia herbifera, Walker, Cat. Lep. Het. B. M. v, p. 1136, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.
Neomiresa herbifera, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 6, (1886).

Nepal.

1317. Nyssia latifascia.

Nyssia latifascia, Walker, Cat. Lep. Het. B. M. v, p. 1136, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Nepal.

Genus **Narosa.**

1318. Narosa adala.

Narosa adala, Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, pl. 11, fig. 14; and pl. 21, fig. 13, (1859).
———— Lep. Ceyl. ii, p. 132, pl. 132, figs. 3, 3*a*, (1882).

Ceylon, Java.

1319. Narosa conspersa.

Narosa conspersa, Walker, Cat. Lep. Het. B. M. v, p. 1151, (1855).
———— Nietner, Obs. Enemies of Coffee in Ceylon, p. 20, (1861).*
———— Moore, Lep. Ceyl. ii, p. 132, pl. 132, figs. 2, 2*a*, 2*b*, (1882).

Collection Swinhoe, Canara, Mahableshwar, Ceylon.

1320. Narosa rufotessellata.

Narosa rufotessellata, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig. 24 (1879).

Darjiling.

Genus **Cania.**

1321. Cania sericea.

Cania sericea, Walker, Cat. Lep. Het. B. M. v, p. 1178, (1855).
———— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 7, (1886).

N. India.

Genus **Cheromettia.**

1322. Cheromettia ferruginea.

Belippa ferruginea, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).
Cheromettia ferruginea, Moore, Lep. Ceyl. ii, p. 134, pl. 132, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

Genus **Belippa.**

1323. Belippa apicata.

Belippa apicata, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879).

Darjiling.

Genus **Monema.**

1324. Monema ocellata.

Monema ocellata, Moore, Descr. Ind. Lep. Atk. i, p. 74, (1879).

I. M., Sikkim (purchased), Shillong, Khasi Hills.
Collection Swinhoe, Darjiling.

Genus **Setora.**

1325. Setora divergens.

Setora divergens, Moore, Descr. Ind. Lep. Atk. i, p. 75, pl. 3, fig. 23. (1879).

I. M., Sibsagar (Peal).
Also recorded from Sikkim.

Genus **Candyba.**

1326. CANDYBA PUNCTATA.

Candyba punctata, Walker, Cat. Lep. Het. B. M. vii, p. 1761, (1856).
——————Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, (1859).
—————————— Lep. Ceyl. ii, p. 133, pl. 132, fig. 4, (1882).
——————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.
—————————— *loc. cit.* 1886, p. 438.
Belgoræa subnotata, Walker, *loc. cit.*, xxxii, p. 497, (1865).

I. M., Kulu (purchased), Sibsagar.
Collection Swinhoe, Solon, Poona, Mhow, Punjab, Candy, Ceylon.

Family LASIOCAMPIDÆ.

Genus **Bharetta.**

1327. BHARETTA CINNAMOMEA.

Bharetta cinnamomea, Moore, Proc. Zool. Soc. Lond. 1865, p. 820, pl. 43, fig. 6.

Darjiling.

Genus **Andraca.**

1328. ANDRACA BIPUNCTATA.

Andraca bipunctata, Walker, Cat. Lep. Het. B. M. xxxii, p. 582, (1865).
——————, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.

India.

1329. ANDRACA TRILOCHOIDES.

Andraca trilochoides, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.
——————Waterhouse, Aid. ii, pl. 132, figs. 1, 2, (1883).*

I. M., Sibsagar (Peal).
Also recorded from Sikkim.

Genus **Cifuna.**

1330. CIFUNA LOCUPLES.

Cifuna locuples, Walker, Cat. Lep. Het. B. M. v, p. 1173, (1855).
—————— Butler, Ill. Typ. Lep. Het. ii, p. 18, pl. 27, fig. 6, (1878).

Collection Swinhoe, Khasi Hills.
Also recorded from Sylhet and Yokohama.

Genus **Trisula.**

1331. TRISULA VARIEGATA.

Trisula variegata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 420, pl. 12*a*, fig. 1; and pl. 22, figs. 1, 1*a*, 1*b*, (1859).
——————Walker, Cat. Lep. Mus. Het. B. M. xxxii, p. 576, (1865).
—————————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.
——————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305, pl. 21, fig. 7; and 1886, p. 440.

Collection Swinhoe, Mhow, Poona, Bombay.
Also recorded from Madras.

Genus **Horanpella.**

1332. HORANPELLA PLACIDA.

Horanpella placida, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 1, 1*a*, (1882).

Ceylon.

Genus **Clisiocampa.**

1333. CLISIOCAMPA INDICA.

Clisiocampa indica, Walker, Cat. Lep. Het. B. M. vi, p. 1489, (1855).

E. Indies.

Genus **Chilena.**

1334. CHILENA SIMILIS.

Chilena similis, Walker, Cat. Lep. Het. B. M. v, p. 1071, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859).
———— Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Punjab, Sind.
Also recorded from Nepal.

1335. CHILENA STRIGULA.

Lasiocampa strigula, Walker, Cat. Lep. Het. B. M. xxxii, p. 563, (1865).
Chilena strigula, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404, pl. 14, figs. 6, 6*a*, 6*b*.

S. India, Mhow.

Genus **Hondella.**

1336. HONDELLA JUVENIS.

Ptilomacra juvenis, Walker, Cat. Lep. Het. B. M. v, p. 1099, (1855).
Hondella juvenis, Moore, Lep. Ceyl. ii, p. 144, pl. 137, fig. 4, (1882).

Ceylon.

Genus **Alompra.**

1337. ALOMPRA FERRUGINEA.

Alompra ferruginea, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 33, fig. 8.

I. M., N. Khasi Hills, Sikkim (purchased).

Genus **Pandala.**

1338. PANDALA DOLOSA.

Pandala dolosa, Walker, Cat. Lep. Het. B. M. iv, p. 922, (1855).
———— Moore, Lep. Ceyl. ii, p. 140, pl. 134, fig. 5, (1882).

Ceylon.

Genus **Gangarides.**

1339. GANGARIDES DHARMA.

Gangarides dharma, Moore, Proc. Zool. Soc. Lond. 1865, p. 821, pl. 43, fig. 7.

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

1340. GANGARIDES ROSEA.

Apona rosea, Walker, Cat. Lep. Het. B. M. xxxii, p. 513, (1865).
Gangarides rosea, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Genus **Apha.**

1341. APHA FLAVA.

Apha flava, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Nilgiri Hills.

1342. APHA FLORALIS.

Apha floralis, Butler, Ill. Typ. Lep. Het. v, p. 64, pl. 94, figs. 5, 6, (1881).

Collection Swinhoe, Darjiling.

1343. APHA LANUGINOSA.

Apha lanuginosa, Walker, Trans. Ent. Soc. Lond. Ser. 3, i, p. 83, (1862-64).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 512, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sylhet.

1344. APHA SUBDIVES.

Apha subdives, Walker, Cat. Lep. Het. B. M. v, p. 1180, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10*a*, fig. 4.
———— Proc. Zool. Soc. Lond. 1867, p. 681.
————, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 94, figs. 7, 8, (1881).

I. M., Shillong, Khasi Hills, Cherra.
Collection Swinhoe, Shillong, Khasi Hills.
Also recorded from Sylhet.

Genus **Ganisa.**

1345. GANISA PALLIDA.

Ganisa palldia, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 96, fig. ?, (1881).

I. M., Sikkim (purchased).
Also recorded from Bhotan.

1346. GANISA PLANA.

Ganisa plana, Walker, Cat. Lep. Het. B. M. v,p. 1191, (1855).
———— Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs. 4, 5, (1881).

Collection Swinhoe, Sylhet.
Also recorded from Sikkim.

1347. GANISA POSTICA.

Ganisa postica, Walker, Cat. Lep. Het. B. M. v, p. 1190, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10*a*, fig. 5, (1859).
———— Lep Ceyl. ii, p. 137, pl. 133, fig. 3, (1882).

I. M., Kulu, (purchased).
Also recorded from Ceylon.

1348. GANISA SIMILIS.

Ganisa similis, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Darjiling.

Genus **Apona.**

1349. APONA CASHMIRENSIS.

Gastropacha cashmirensis, Kollar, Kaschmir Von Hügel. p. 472, pl. 21, fig. 4, (1848).

Collection Swinhoe, Simla.
Also recorded from Kashmir.

1350. APONA PALLIDA.

Apona pallida, Walker, Cat. Lep. Het. B. M. vii,p. 1763, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1872, p. 579.

Sikkim.

1351. APONA PLUMOSA.

Apona plumosa, Moore, Proc. Zool. Soc. Lond. 1872, p. 579.

Nilgiri Hills.

1352. APONA SHEVAROYENSIS.

Apona shevaroyensis, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.

Madras.
Allied to *plumosa*.

Genus **Cricula.**

1353. CRICULA DREPANOIDES.

Cricula drepanoides, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.
———— Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.

1354. Cricula trifenestrata.

Attacus fenestra ?, Linn., Syst. Nat. i. 2, 811, 9, (1767).
Attacus perspicua ?, Linn. *loc. cit.*, 10.
Bombyx fenestra ?, Fabr., Sp. Ins. ii, 170, 18, (1781).
Bombyx perspicua ?, Fabr., *loc. cit.*, 171, 21, (1781).
Saturnia trifenestrata, Herr Schäff., Lep. Exot. Ser. i, pl. 17, fig. 80.*
——————— Helfer Journ. As. Soc., Beng. vi, 45, 10 (1837).
Euphranor multifenestrata, Herr Schäff., *loc. cit.*, pl. 61, fig. 556.*
Saturnia zuleika, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 1, (1848).
Cricula trifenestrata, Walker, Cat. Lep. Het. B. M. v, p. 1187; and p. 1196, (1855); and xxxii, p. 530, (1865).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 384, pl. 18, figs. 7 *a*, *b*, *c*, (1859).
——————— ——— Wardle's Wilk Silks of India, p. 7, (1881).
Antheræa zuleika, Walker, *loc. cit.*, v, p. 1252, (1855).

I. M., Dacca (DeNiceville), Sikkim (purchased), Khasi Hills, Sibsagar, Cachar (Wood-Mason), Andaman Is, (purchased) Java (DeNiceville), no locality (Dumaine; (?) Capt. Hutton), Cocoons.
Collection Swinhoe, Darjiling, Khasi Hills, Shevaroy Hills.

Genus **Tagora.**

1355. Tagora discrepans.

Tagora discrepans, Moore, Trans. Ent. Soc. Lond. 1884, p. 360.
Eupterote discrepans, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Bombay, Canara.

1356. Tagora glaucescens.

Tagora glaucescens, Walker, Cat. Lep. Het. B. M. v, p. 1188, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
Ganisa glaucescens, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 96, figs. 1, 2, (1881).

I. M., Sikkim (Barnes).
Collection Swinhoe, Sikkim.

1357. Tagora murina.

Tagora murina, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).
——————— Lep. Ceyl. ii, p. 142, pl. 136, fig. 2, (1882).

Ceylon.

1358. Tagora pandya.

Tagora pandya, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1943, (1866).

Collection Swinhoe, Sylhet.
Allied to *T. patula.*

1359. TAGORA PATULA.

Tagora patula, Walker, Cat. Lep. Het. B. M. v, p. 1189, (1855).
————————Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, (1859).
———————— Proc. Zool. Soc. Lond. 1867, p. 681.
————————Butler, Ill. Typ. Lep. Het. B. M. v, p. 70, pl. 98, figs. 1, 2, (1881).

I. M., Sibsagar.
Also recorded from Sylhet.

1360. TAGORA UNDULOSA.

Tagora undulosa, Walker, Cat. Lep. Het. B. M. v, p. 1196, (1855).

E. Indies.

Genus **Sphingognatha.**

1361. SPHINGOGNATHA KHASIANA.

Sphingognatha khasiana, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879).

Khasi Hills.

1362. SPHINGOGNATHA PALLIDA.

Jana pallida, Walker, Cat. Lep. Het. B. M. iv, p. 912, (1855).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
Sphingognatha asclepiades, Felder, Reise Novara Lep. iv, pl. 94, fig. 1, (1864-75).
Tagora pallida, Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 3, (1881).

Sylhet, Sumatra.

Genus **Jana.**

1363. JANA INCANDESCENS.

Jana incandescens, Walker, Cat. Lep. Het B. M. iv, p. 910, (1855).
———————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 71, pl. 98, fig. 5, (1881).

I. M., Sikkim (purchased).

1364. JANA SIGNIFERA.

Jana signifera, Walker, Cat. Lep. Het. B. M. iv, p. 911, (1855).

N. India.

Genus **Palirisa.**

1365. PALIRISA CERVINA.

Jana cervina, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.
———————— Walker, Cat. Lep. Het B. M. xxxv, p. 1917, (1866).
Palirisa cervina, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

I. M., a specimen with no history.
Recorded from Darjiling.

1366. Palirisa lineosa.

Jana lineosa, Walker, Cat. Lep. Het. B. M. iv ; p. 912, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
———— Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 4, (1881).
Palirisa lineosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 360.

I. M., Buxa (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Sylhet.

Genus **Dreata.**

1367. Dreata hades.

Dreata hades, Walker, Cat. Lep. Het. B. M. iv, p. 908, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
———— Butler, Ill. Typ. Lep. Het. v, p. 70, pl. 97, fig. 7, (1881).

I. M., Shillong, N. Khasi Hills, Cherra.
Also recorded from Sylhet.

Genus **Eupterote.**

1368. Eupterote affinis.

Eupterote affinis, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.

N. India.

1369. Eupterote alterata.

Eupterote alterata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

I. M., Sikkim (purchased), Buxa (Moti Ram), Manbhum (Beavan).
Collection Swinhoe, Darjiling.

1370. Eupterote anada.

Dreata anada, Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 373, (1865).

Kanara.

1371. Eupterote auriflua.

Eupterote auriflua, Moore, Trans, Ent. Soc. Lond. 1884, p. 364.

Malabar.

1372. Eupterote caliginosa.

Eupterote caliginosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Jubbulpore.

1373. Eupterote canaraica.

Eupterote canaraica, Moore, Proc. Zool. Soc. Lond. 1879, p. 410.

Kanara.

1374. EUPTEROTE CASTANOPTERA.

Eupterote castanoptera, Moore, Trans. Ent. Soc. Lond. 1884, p. 365.
Nepal.

1375. EUPTEROTE CINNAMOMEA.

Eupterote cinnamomea, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.
Kanara.

1376. EUPTEROTE CITRINA.

Dreata citrina, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
I. M., Sikkim (purchased).
Also recorded from Central India.

1377. EUPTEROTE CONSIMILIS.

Eupterote consimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.
Darjiling.

1378. EUPTEROTE CONTAMINATA.

Eupterote contaminata, Moore, Trans. Ent. Soc. Lond. 1884, p. 363.
Bombay.
Allied to *E. imbecilis* and *E. taooensis*.

1379. EUPTEROTE CUPREIPENNIS.

Eupterote cupreipennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.
Madras.

1380. EUPTEROTE DECORATA.

Eupterote decorata, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.
Punjab.

1381. EUPTEROTE DIABOLICA.

Eupterote diabolica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.
Belgaum.
Allied to *E. mutans*.

1382. EUPTEROTE DIFFUSA.

Dreata diffusa, Walker, Cat. Lep. Het. B. M. xxxii, p. 374, (1865).
Eupterote diffusa, Moore, Lep. Ceyl. ii, p. 142, pl. 135, fig. 2, (1882).
Ceylon.

1383. EUPTEROTE DISCORDANS.

Eupterote discordans, Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs 6, 7, (1881).
Calcutta.

1384. EUPTEROTE DISSIMILIS.

Eupterote dissimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.

Dehra Dhun.

1385. EUPTEROTE FABIA.

Bombyx fabia, Oliv., Enc. Meth. Ins. v, 38, 51.*
Phalæna fabia, Cramer, Pap. Exot. iii, pl. 250, fig. B, (1779).
Eupterote fabia, Hübn., Verz. Bek. Schmet, p. 187, 1933, (1816).
Dreata fabia, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855); and vii, p. 1742, (1856).

Coromandel.
Allied to *E. mutans*.

1386. EUPTEROTE GRISEIPENNIS.

Eupterote griseipennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.

N. India.

1387. EUPTEROTE GYRA.

Eupterote gyra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

Belgaum.
Allied to *E. mutans*.

1388. EUPTEROTE IGNAVUS.

Eupterote ignavus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440. pl. 41, fig. 1, ♂.

Collection Swinhoe, Mhow.
Allied to *E. mutans*.

1389. EUPTEROTE IMBECILIS.

Dreata imbecilis, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).
Eupterote imbecilis, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, fig. 2, (1881).

N. India.

1390. EUPTEROTE IMMUTATA.

Eupterote immutata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

Nepal.

1391. EUPTEROTE INVALIDA.

Eupterote invalida, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, figs. 3, 4, (1881).

I. M., Calcutta (DeNiceville), Burrakur, Kulu (purchased).
Also recorded from Darjiling.
Allied to *E. taooensis*.

1392. EUPTEROTE LATIVITTATA.

Eupterote lativittata, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Bombay.
Allied to *E. canaraica*.

1393. EUPTEROTE LUCIA.

Eupterote lucia, Butler, Ann. Mag. Nat. Hist. (5), xvi, p. 346, pl. 8, fig. 4, (1885).

I. M., Shillong, Cherrapunji.

1394. EUPTEROTE MOLLIFERA.

Dreata mollifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865).
Tagora antheræata, Walker, *loc. cit.*, p. 512.
Bomochroa (sic) *ornata*, Felder, Reise Novara, iv, pl. 94, fig. 3, (1864-75).

Collection Swinhoe, Ceylon.

1395. EUPTEROTE MOLLIS.

Eupterote mollis, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Bombay, Nilgiris.

1396. EUPTEROTE MUTANS.

Dreata mutans, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).
Eupterote mutans, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 8, (1881).

Collection Swinhoe, Mirzapore.
Also recorded from Sikkim and the Philippine Is.

1397. EUPTEROTE NIGRICANS.

Eupterote nigricans, Moore, Trans. Ent. Soc. Lond. 1884, p. 365.

Jubbulpore, Saugor.
Allied to *E. undata*.

1398. EUPTEROTE NILGIRICA.

Eupterote nilgirica, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879).

Nilgiri Hills.

1399. EUPTEROTE OCHRIPICTA.

Eupterote ochripicta, Moore, Proc. Zool. Soc. Lond. 1879, p. 416.
——————— ——————— Lep. Ceyl. ii, p. 141, pl 136, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.
Allied to *E. fabia*.

1400. Eupterote permutata.

Eupterote permutata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.
Bengal.

1401. Eupterote persimilis.

Eupterote persimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.
Calcutta.

1402. Eupterote petosiris.

Phalæna petosiris, Cramer, Pap. Exot. iv, pl. 397, fig. D, (1782).
Dreata petosiris, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855).
Coromandel.

1403. Eupterote similis.

Eupterote similis, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.
Collection Swinhoe, Poona.
Also recorded from Calcutta.

1404. Eupterote sinuata.

Eupterote sinuata, Moore, Trans. Ent. Soc. Lond. 1884, p. 363.
Himalayas.
Allied to *E. undata*.

1405. Eupterote subdita.

Eupterote subdita, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.
Jubbulpore.

1406. Eupterote suffusa.

Eupterote suffusa, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.
Jubbulpore.

1407. Eupterote taooensis.

Dreata taooensis, Moore, Proc. Zool. Soc. Lond. 1878, p. 818, pl. 53, fig. 7.
Tenasserim.

1408. Eupterote todara.

Eupterote todara, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.
Nilgiri Hills.

1409. Eupterote undans.

Dreata undans, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).
Pachyjana undans, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 6, (1881).

EUPTEROTE UNDANS,—*continued.*

Eupterote undans, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

I. M., Sibsagar.
Collection Swinhoe, Mahableshwar.

1410. EUPTEROTE UNDATA.

Bombyx undatus, Blanch., Jacq. Voy. Inde Zool. Ins. p. 23, pl. 1, fig. 8, (1844).
Dreata undifera, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).
Dreata undata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).
——————— Walker, *loc. cit.*, xxxii, p. 373, (1865).
Eupterote undata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

I. M., Buxa (Moti Ram), Sikkim (Barnes).
Collection Swinhoe, Poona, Khandalla.
Also recorded from Belgaum and Madras.

1411. EUPTEROTE VARIEGATA.

Eupterote variegata, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.

Jubbulpore.

1412. EUPTEROTE VINOSA.

Eupterote vinosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

Jubbulpore.

Genus **Spalyria.**

1413. SPALYRIA ADOLPHEI.

Bombyx adolphei, Guer., Voy. Deless. Hist. Nat, p. 96, pl. 27, fig. 3, (1843).
Lasiocampa adolphei, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Nilgiri Hills.

1414. SPALYRIA COLLARIS.

Bombyx collaris, Guer., Voy. Deless. Hist. Nat., p. 95, pl. 27, fig. 2,(1843).
Lasiocampa collaris, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).
Spalyria collaris, Moore, Trans. Ent. Soc. Lond. 1884, p. 370.

Nilgiri Hills.

1415. SPALYRIA FLAVICOLLIS.

Bombyx flavicollis, Guer., Voy., Deless. Hist. Nat, p. 94, pl. 27, fig. 1, (1843).
Lasiocampa flavicollis, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Collection Swinhoe, Ootacamund.

1416. SPALYRIA TESTACEA.

Dreata testacea, Walker, Cat. Lep. Het. B. M. iv, p. 906, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).
Eupterote testacea, Butler, Ill. Typ. Lep. Het. v, p. 67, pl. 97, fig. 1, (1881).
Spalyria testacea, Butler, Ann. Mag. N. H. (5), xvi, p. 346, (1885).

I. M., Cachar (Wood-Mason), Shillong, Khasi Hills.
Also recorded from Sylhet.

Genus **Murlida.**

1417. MURLIDA FRATERNA.

Murlida fraterna, Moore, Trans. Ent. Soc. Lond. 1884, p. 371.
Collection Swinhoe, India.
Recorded from Darjiling.

1418. MURLIDA LINEOSA.

Lasiocampa lineosa, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).
Murlida lineosa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).
———— Walker, *loc. cit.*, xxxii, p. 563, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.
————Trans. Ent. Soc. Lond. 1884, p. 371.
Eupterote lineosa, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 9, (1881),
Collection Swinhoe, Ootacamund.
Also recorded from Nepal, Darjiling.

Genus **Brachytera.**

1419. BRACHYTERA GEMINATA.

Dreata geminata, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).
Brachytera geminata, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 2, 2*a*, (1882).
Collection Swinhoe, Ceylon.

1420. BRACHYTERA PHALÆNARIA.

Brachytera phalænaria, Felder, Reise, Novara Lep. iv, pl. 95, fig. 1, (1864-75).
———— Moore, Lep. Ceyl. ii, p. 143, pl. 135, fig. 1, (1882).
Ceylon.

1421. BRACHYTERA PRIMULARIS.

Brachytera primularis, Moore, Trans. Ent. Soc. Lond. 1884, p. 371.
Collection Swinhoe, Nilgiri Hills, N. Canara.
Also recorded from the Shevaroy Hills.

Genus **Sangatissa.**

1422. SANGATISSA ALBIPARS.

Sangatissa albipars, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.
Collection Swinhoe, Bombay, North Canara.
Allied to *S. citrinula*.

1423. SANGATISSA CITRINULA.

Dreata citrinula, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865).
Sangatissa citrinula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.
Collection Swinhoe, Satara, Poona.

1424. Sangatissa subcurvifera.

Dreata subcurvifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 375, (1865).
Sangatissa subcurvifera, Moore, Lep. Ceyl. ii, p. 144, pl. 134, fig. 6, (1882).

I. M., Yunan.
Collection Swinhoe, Solun, Ceylon.

1425. Sangatissa triseriata.

Dreata triseriata, Butler, Proc. Zool. Soc. Lond. 1875, p. 393.

S. India.
Allied to *S. subcurvifera*.

Genus **Messata**.

1426. Messata ænescens.

Messata ænescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
———————— Lep. Ceyl. ii, p. 139, pl. 134, fig. 1, (1882).

Ceylon.
Allied to *M. plumipes*.

1427. Messata castanoptera.

Messata castanoptera, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Belgaum, Poona.
Also recorded from the Nilgiri Hills.

1428. Messata flavida.

Messata flavida, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.

Nilgiri Hills.

1429. Messata fraterna.

Messata fraterna, Moore, Proc. Zool. Soc. Lond. 1879, p. 409, pl. 34, fig. 6.

Bombay.

1430. Messata lineata.

Dreata lineata, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).
Messata lineata, Walker, *loc. cit.*, v, p. 1108, (1855).
Leptojana lineata, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 5, (1881).

N. India.

1431. Messata plumipes.

Dreata plumipes, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).
Messata rubiginosa, Walker, *loc. cit.*, v, p. 1108, (1855).
———————— Moore, Lep. Ceyl. ii, p. 138, pl. 133, figs. 5, 5*a*, (1882).

Collection Swinhoe, Ceylon.

1432. Messata quadrifasciata.

Messata quadrifasciata, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
——————————Lep. Ceyl. ii, p. 139, pl. 134, fig. 3, (1882).

Collection Swinhoe, Ceylon.

1433. Messata similis.

Messata similis, Moore, Lep. Ceyl. ii, p. 139, pl. 133, fig. 4, (1882).

Ceylon.

1434. Messata translata.

Messata translata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304, pl. 21, fig. 5.

Collection Swinhoe, Satara, Nilgiri Hills, Poona.

1435. Messata tristis.

Stenoglene tristis, Felder, Reise Novara Lep., pl. 95. fig. 4, (1864-75).
Messata tristis, Moore, Lep. Ceyl. ii, p. 139, pl. 134, fig. 2, (1882).

Collection Swinhoe, Ceylon.

1436. Messata vialis.

Messata vialis, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
—————————— Lep. Ceyl. ii, p. 139, pl. 134, fig. 4, (1882).

Ceylon.

Genus **Nisaga**.

1437. Nisaga modesta.

Nisaga modesta, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.
—————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

Collection Swinhoe, Satara, Poona, Bombay.

1438. Nisaga simplex.

Nisaga simplex, Walker, Cat. Lep. Het. B. M. iv, p. 885, (1855).
—————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

I. M., Shillong, Khasi Hills.
Collection Swinhoe, Satara, Poona.

Genus **Syrastrina**.

1439. Syrastrina minor.

Metanastria minor, Moore, Descr. Ind. Lep. Atk. i, p. 78, (1879).
Syrastrina minor, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Darjiling.

Genus **Lenodora**.

1440. Lenodora fasciata.

Lenodora fasciata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Nilgiri Hills.

1441. Lenodora fusca.

Lenodora fusca, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Bombay.

1442. Lenodora signata.

Lenodora signata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Dehra Dhun.

1443. Lenodora subcostalis.

Miresa subcostalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).
Lenodora subcostalis, Moore, Lep. Ceyl. ii, p. 145, pl. 137, figs. 3, 3*a*, 3*b*, (1882).

Ceylon.

1444. Lenodora vittata.

Lasiocampa vittata, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).
Lenodora vittata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.

Collection Swinhoe, Poona.
Also recorded from N. India, Madras.

Genus **Gastropacha.**

1445. Gastropacha caschmirensis.

Gastropacha caschmirensis, Kollar, Kaschmir, Von Hugel, p. 472, pl. 21, fig. 4, (1848).
——————— Walker, Cat. Lep. Het. B. M. vi, p. 1393, (1855).

Kashmir.

1446. Gastropacha divaricata.

Gastropacha divaricata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.

Darjiling.

1447. Gastropacha sikkima.

Gastropacha sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879).

Darjiling.

1448. Gastropacha sinuata.

Gastropacha sinuata, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879).

Darjiling.

1449. Gastropacha sulphurea.

Gastropacha sulphurea, Kollar, Kaschmir Von Hugel, p. 471, (1848).
———————Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).

Mussooree.

1450. Gastropacha torrida.

Gastropacha torrida, Moore, Descr. Ind. Lep. Atk. i, p. 76, pl. 3, fig. 19, (1879).

Darjiling.

1451. Gastropacha undulifera.

Gastropacha undulifera, Walker, Cat. Lep. Het. B. M. vi, p. 1395, (1855).

N. India.

Genus **Trabala.**

1452. Trabala irrorata.

Trabala irrorata, Moore, Trans. Ent. Soc. Lond. 1884, p. 375.

I. M., Mergui (Anderson).
Also recorded from Java.

1453. Trabala læta.

Amydona læta, Walker, Cat. Lep. Het. B. M. vi, p. 1416, (1855).
Trabala læta, Walker, *loc. cit.*, vii, p. 1785, (1856).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. xii*a*, figs. 7, 7*a*, (1859).

I. M., specimens, with no history.
Collection Swinhoe, Dharmsala.
Also recorded from Sylhet and Java.

1454. Trabala mahananda.

Trabala mahananda, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.

Bengal.

1455. Trabala varia.

Amydona varia, Walker, Cat. Lep. Het. B. M. vi, p. 1414, (1855).
Travala varia, Walker, *loc. cit.*, vii, p. 1785, (1856).

Sylhet, W. Africa.

1456. Trabala vishnu.

Gastropacha vishnou, Lefebvre, Zool. Journ. iii, p. 207, (1827).*
———— Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).
———— Piepers & Snellen, Tijd. Ent. xx, p. 21, (1877).
Amydona basalis, Walker, *loc. cit.*, vi, p. 1415, (1855).
Amydona prasina, Walker, *loc. cit.*, vi, p. 1417, (1855).
Amydona pallida, Walker, *loc. cit.*, vi, p. 1417, (1855).
Trabala basalis, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala prasina, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala pallida, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala vishnu, Moore, Cat. Lep. Mus. E. I. C. ii, p. 425, pl. 22, figs. 3, 3*a*, 3*b*, (1859).
———— Walker, *loc. cit*, xxxii, p. 554, (1865).
———— Moore, Lep. Ceyl. ii, p. 146, pl. 138, figs. 1, 1*a*, 1*b*, 2, 2*a*, (1882).

TRABALA VISHNU,—*continued.*

Trabala vishnu, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Khasi Hills, Sikkim (Barnes), Sibsagar (Peal), Calcutta (DeNiceville), Cherra, Cachar (Wood-Mason), Shillong, Silchar (Wood-Mason), Kulu (purchased), Andaman Islands (purchased), Java (DeNiceville).
Collection Swinhoe, Bhotan, Bombay, Simla, Sylhet, Nilgiris, Murree.
Also recorded from Ceylon and Hongkong.
Showing a large range of variation.

Genus **Lebeda.**

1457. LEBEDA ACONYTA.

Phalæna aconyta, Cramer, Pap. Exot. ii, pl. 131, fig. A, (1777).
Bombyx quadricincta, Fabr., Mant. Ins. ii, p. 111, 44.
———— Ent. Syst. iii, 1, 422, 50.
Metanastria aconyta, Hüb., Verz. Bek. Schmett., p., 186, 1917, (1816).
Dirphia aconyta, Walker, Cat. Lep. Het. B. M. vi, p. 1370, (1855).
Lasiocampa trifascia, Walker, *loc. cit.*, vi, p. 1439, (1855).
Lasiocampa substrigosa, Walker, *loc. cit.*, vi, p. 1441, (1855).
Lasiocampa aconyta, Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).
———— Walker, *loc. cit.*, xxxii, p. 560, (1865).

Collection Swinhoe, Sikkim.
Also recorded from Canara.

1458. LEBEDA BUDDHA.

Bombyx buddha, ♂, Lefebvre, Zool. Journ. iii, 209, (1827).*
Bombyx brahma, ♀, Lefebvre, *loc. cit.*, iii, p. 208, (1827).*
Lasiocampa brahma, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).
Lasiocampa buddha, Walker, *loc. cit.*, vi, p. 1444, (1855).
Lebeda plagiata, Walker, *loc. cit.*, vi, p. 1464, (1855).
Lebeda buddha, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12*a*, figs. 2, 2*a*, (1859).
———— Walker, *loc. cit.*, xxxii, p. 568, (1865).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 407, pl. 15, figs. 3, 3*a*, 3*b*,
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Sibsagar (Peal), Cherra, Darbhanga (Maries).
Collection Swinhoe, Bombay, Mhow, Sikkim.
Also recorded from Ceylon.

1459. LEBEDA FASCIATA.

Lebeda fasciata, Moore, Trans. Ent. Soc. Lond. 1884, p. 375.
Khasi Hills.

1460. LEBEDA FULGENS.

Lebeda fulgens, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).
Darjiling.

1461. LEBEDA LIDDERDALII.

Lebeda lidderdalii, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 1, 2, (1881).
Bhotan.

1462. Lebeda lineata.

Lebeda lineata, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).

Darjiling.

1463. Lebeda lusca.

Bombyx lusca, Fabr., Mant. Ins. ii, p. 112, 49.
——————— Ent. Syst. iii, i, 424, 55.
——————— Oliv., Enc. Meth. v, 42, 70.*
Lasiocampa lusca, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855).

Coromandel.

1464. Lebeda nanda.

Lebeda nanda, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12*a*, fig. 3, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 568, (1865).

I. M., Sikkim (purchased).

1465. Lebeda nobilis.

Lebeda nobilis, Walker, Cat. Lep. Het. B. M. vi, p. 1456, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).
——————— Butler, Ill. Typ. Lep. Het. v, p. 74, pl. 100, figs. 5, 6, (1881).

I. M., Sikkim (purchased), Cherra.
Collection Swinhoe, Sylhet, Kasauli.

1466. Lebeda opponens.

Lebeda opponens, Walker, Cat. Lep. Het. B. M. vi, p. 1462, (1855).

N. India.

1467. Lebeda placida.

Lebeda placida, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879).

Collection Swinhoe, Darjiling, Shillong.

1468. Lebeda plagifera.

Lebeda plagifera, Walker, Cat. Lep. Het. B. M. vi, p. 1459, (1855).
——————— Butler, Ill. Typ. Lep. Het. B. M. v, p. 73, pl. 99, fig. 5, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling, Simla.
Also recorded from Nepal.

1469. Lebeda recta.

Lebeda recta, Walker, Cat. Lep. Het. B. M. vi, p. 1461, (1855).

N. India.

1470. Lebeda repanda.

Lebeda repanda, Walker, (Part), Cat. Lep. Het. B. M. vi, p. 1460, (1855).
———————— Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 1, 2, (1886).

Sylhet, Nepal, Ceylon.

1471. Lebeda stigmata.

Lebeda stigmata, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 3, 4, (1881).

I. M., Sikkim (purchased).
Allied to *L. placida*.

1472. Lebeda undans.

Lebeda undans, Walker, Cat. Lep. Het. B. M. vi, p. 1458, (1855).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

Sylhet.

1473. Lebeda variegata.

Lebeda variegata, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).
———————— Lep. Ceyl. ii, p. 151, pl. 139, fig. 1, (1882).

Collection Swinhoe, Ceylon.

1474. Lebeda vinata.

Lebeda vinata, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.

Darjiling.

1475. Lebeda vulpina.

Lebeda vulpina, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).

Darjiling.

Genus **Arguda.**

1476. Arguda decurtata.

Arguda decurtata, Moore, Descr. Ind. Lep. Atk. i, p. 79, 1879.

Darjiling.

Genus **Radhica.**

1477. Radhica flavovittata.

Radhica flavovittata, Moore, Descr. Ind. Lep. Atk. i, p. 79, (1879).

Naini Tal, Dharmsala.

Genus **Mahanta.**

1478. Mahanta quadrilinea.

Mahanta quadrilinea, Moore, Descr. Ind. Lep. Atk. i, p. 78, pl. 3, fig. 20, (1879).

Darjiling.

Genus **Chatra.**

1479. CHATRA GRISEA

Chatra grisea, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879).

Cherrapunji, Khasi Hills.

Genus **Trichiura.**

1480. TRICHIURA KHASIANA.

Trichiura khasiana, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 21, (1879).

Khasi Hills.

Genus **Mustilia.**

1481. MUSTILIA CASTANEA.

Mustilia castanea, Moore, Descr. Ind. Lep. Atk. i, p. 82, (1879).

Darjiling.

1482. MUSTILIA FALCIPENNIS.

Mustilia falcipennis, Walker, Cat. Lep. Het. B. M. xxxii, p. 581, (1865); and xxxv, p. 1949, (1866).

Darjiling.

1483. MUSTILIA HEPATICA.

Mustilia hepatica, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 18, (1879).

Darjiling.

1484. MUSTILIA SPHINGIFORMIS.

Mustilia sphingiformis, Moore, Proc. Zool. Soc. Lond. 1879. p. 407, pl. 33, fig. 4.

Collection Swinhoe, Sikkim, Sibsagar.
Also recorded from Mussooree.

Genus **Kosala.**

1485. KOSALA SANGUINEA.

Kosala sanguinea, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 33, fig. 8.

Khasi Hills.

Genus **Eutricha.**

1486. EUTRICHA CHEELA.

Eutricha cheela, Moore, Proc. Zool. Soc. Lond. 1879, p. 498.

Dharmsala.

1487. EUTRICHA FLAVOSIGNATA.

Eutricha flavosignata, Moore, Descr. Ind. Lep. Atk. i, p. 77, pl. 3, fig. 17, (1879).

Darjiling.

Genus **Lasiocampa.**

1488. LASIOCAMPA BHIRA.

Lasiocampa bhira, Moore, Proc. Zool. Soc. Lond. 1879, p. 410, pl. 34, fig. 2.

Dharmsala.

1489. LASIOCAMPA DECISA.

Lasiocampa decisa, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855).

E. Indies.

1490. LASIOCAMPA SUBPARALLELA.

Lasiocampa subparallela, Walker, Cat. Lep. Het. B. M. xxxii, p. 562, (1865).

India.

Genus **Odonestis.**

1491. ODONESTIS AMPLA.

Odenestis (sic) *ampla*, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).
Odonestis ampla, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 3, 4, (1881).
Lebeda ferruginea, Walker, *loc. cit.*, p. 1458, (1855); and xxxii, p. 568, (1865).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).

I. M., Sikkim (purchased), Cherrapunji.
Collection Swinhoe, Cherrapunji.
Also recorded from Sylhet.

1492. ODONESTIS BHEROBA.

Odonestis bheroba, Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. 12*a*, fig. 5, (1859).
Odenestis (sic) *bheroba*, Walker, Cat. Lep. Het. B. M. xxxii, p. 553, (1865).

Darjiling.

1493. ODONESTIS DIVISA.

Odonestis divisa, Moore, Proc. Zool. Soc. Lond. 1879, p. 408.
———— Lep. Ceyl. ii, p. 150, pl. 141, fig. 2, (1882).

Ceylon.

1494. ODONESTIS INOBTRUSA.

Lasiocampa inobtrusa, Walker, Trans. Ent. Soc. Lond. (3), iii, p. 85, (1862-64).
———— Cat. Lep. Het. B. M. xxxii, p. 560, (1865).

Collection Swinhoe, Solun, Simla.

1495. Odonestis latipennis.

Lebeda latipennis, Walker, Cat. Lep. Het. B. M. vi, p. 1457, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, pl. 22, figs. 2, 2*a*, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 685.
Odonestis latipennis, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 1, 2, (1881).

Darjiling, Calcutta.

1496. Odonestis pyriformis.

Odonestis pyriformis, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 34, fig. 7.

Mussooree.

1497. Odonestis servula.

Phalæna servula, Drury, Ins. Exot. ii, p. 20, pl. 11, fig. 4, (1773).
Odonestis servula, Westw., Drury. ii, p. 22, pl. 11, fig. 4, (1837).*
Odenestis (sic) *servula*, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).

Madras.

1498. Odonestis signata.

Odonestis signata, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879).

Darjiling.

Genus **Estigena.**

1499. Estigena nandina.

Estigena nandina, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, (1859).
——————— Lep. Ceyl. ii, p. 149, pl. 142, figs. 1, 1*a*, (1882).
Estigèna naudina (sic), Walker, Cat. Lep. Het. B. M. xxxii, p. 568,(1865).
Gastropacha abstracta, Walker, *loc. cit.*, p. 551, (1865).
Lebeda scriptiplaga, Walker, *loc. cit.*, p. 569, (1865).

I. M., Mergui (Anderson), Kulu (purchased), Sikkim (purchased), Akra (Cleghorn).
Collection Swinhoe, Simla, Bombay.
Also recorded from Ceylon.

Genus **Taragama.**

1500. Taragama ganesa.

Bombyx ganesa, Lefebvre, Zool. Journ. iii, p. 211, (1827).*
Bombyx siva, Lefebvre, *loc. cit.*, p. 210.*
Lasiocampa siva, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).
Lasiocampa ganesa, Walker, *loc. cit.*, p. 1444, (1855).
Megasoma venustum, Walker, *loc. cit.*, p. 1449, (1855).
——————— Forsayeth, Trans Ent. Soc. Lond. 1884, p. 406.
Megasoma albicans, Walker, *loc. cit.*, p. 1450, (1855).

TARAGAMA GENESA,—*continued.*

Taragama ganesa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, pl. xxii, figs. 4, 4*a*, (1859).
———— Walker, *loc. cit.* xxxii, p. 564, (1865).
———— Semper, Verh. Zool. Botan. Ges. Wien. xvii, p. 701, (1867).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, and 1885, p. 305 and 1886, p. 440.

Collection Swinhoe, Subathoo, Umballa, Mhow, Karachi, Bombay, Poona and Mahableshwar.
Also recorded from Sind, Punjab, Madras, Kanara, Ceylon, Java, Philippine Islands.

1501. TARAGAMA HYPERANTHERÆ.

Taragama hyperantheræ, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, fig. 5.

Calcutta.

1502. TARAGAMA IGNIFLUA.

Taragama igniflua, Moore, Lep. Ceyl. ii, p. 147, pl. 142, figs. 2, 2*a*, (1882).

Ceylon.

1503. TARAGAMA INTENSA.

Taragama intensa, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, fig. 4.

I. M., Calcutta.

1504. TARAGAMA PALLIDUM.

Megasoma pallidum, Walker, Cat. Lep. Het. B. M. vi, p. 1450, (1855).

N. India.

Genus **Suana.**

1505. SUANA AMPLA.

Suana ampla, Walker, Cat. Lep. Het. B. M. vi, p. 1502, (1855).

Sylhet, Java, Philippine Is.

1506. SUANA BIMACULATA.

Lebeda bimaculata, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855).
Suana bimaculata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 428, pl. 13*a*, figs. 2, 2*a*, and pl. xxiii, figs. 1, 1*a*, 1*b*, (1859).
————————Walker, *loc. cit.* xxxii, p. 570, (1865).
————————Moore, Lep. Ceyl. ii, p. 152, pl. 140 (not pl. 104), figs. 1, 1*a*, 1*b*, (1882).
————————Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 3, 4, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Sylhet.
Also recorded from Nepal, Ceylon, and Java.

1507. SUANA CERVINA.

Suana cervina, Moore, Proc. Zool. Soc. Lond. 1879, p. 410.
———— Lep. Ceyl. ii, p. 152, pl. 139, figs. 2 2*a*, (1882).

Ceylon.
Allied to *S. bimaculata*.

1508. Suana concolor.

Lebeda concolor, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet and Java.

Genus **Pœcilocampa.**

1509. Pœcilocampa undulosa.

Pœcilocampa undulosa, Walker, Cat. Lep. Het. B. M. vi, p. 1477, (1855).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 685.
I. M., Cherrapunji, Sibsagar.
Collection Swinhoe, Nepal.
Also recorded from Sikkim.

Family PHALERIDÆ.

Genus **Zana.**

1510. Zana lignosa.

Zana lignosa, Walker, Cat. Lep. Het. B. M. vii, p. 1700, (1856).
——————Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 4, (1886).
Collection Swinhoe, N. India.

Genus **Turnaca.**

1511. Turnaca acuta.

Turnaca acuta, Walker, Cat. Lep. Het. B. M. xxxii, p. 454, (1865).
Kanara.

Genus **Menapia.**

1512. Menapia kamadena.

Menapia kamadena, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.
N.-E. Bengal.

Genus **Phalera.**

1513. Phalera amboinæ.

Acrosema amboinæ, Felder, Reise Novara, pl. 96, fig. 2, (1864-75).
Phalera amboinæ, Sitzber, Akad. Wiss., p. 39, (1861).
Sikkim.

1514. Phalera arenosa.

Phalera arenosa, Butler, Ann. Mag. Nat. Hist. (5), vi, p. 66, (1880).
—————— Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 3, (1886).
Darjiling.

1515. PHALERA BOBI.

Phalera bobi, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 21, fig. 6.

Collection Swinhoe, Bombay.

1516. PHALERA COSSOIDES.

Phalera cossoides, Walker, Trans. Ent. Soc. (3), i, p. 80, (1862-64).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

I. M., Khasi Hills, Sikkim (Barnes), Calcutta (de Niceville), Sibsagar (Peal).

Also recorded from Sylhet.

1517. PHALERA GROTEI.

Phalera grotei, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, pl. 23, figs. 5, 5*a*, 5*b*, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 682.

Calcutta.

1518. PHALERA PARIVALA.

Phalera parivala, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, (1859).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 2, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim, Nilgiri Hills.

1519. PHALERA PROCERA.

Acrosema procera, Felder, Reise Novara, pl. 96, fig. 1, (1864-75).

Sikkim.

1520. PHALERA RAYA.

Phalera raya, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).
———————Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 103, fig. 1, (1886).

I. M., Sikkim (Barnes).

Collection Swinhoe, Bombay, Sikkim, Simla, Nilgiris.

1521. PHALERA SANGANA.

Phalera sangana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).
——————— Proc. Zool. Soc. Lond. 1867, p. 682.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 4, (1886).

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1522. PHALERA SIMILIS.

Endoclyta similis, Felder, Reise Novara, pl. 81, fig. 3, (1864-75).

Himalayas.

1523. PHALERA STIGMIGERA.

Phalera stigmigera, Butler, Ann. Mag. N. H., (5), vi, p. 66, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 5, (1886).

Bhotan.

1524. PHALERA TENEBROSA.

Phalera tenebrosa, Moore, Proc. Zool. Soc. Lond. 1865, p. 815.

Darjiling.

Genus **Ramesa.**

1525. RAMESA APICALIS.

Ramesa apicalis, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 12, (1879).

Darjiling.

1526. RAMESA LIGNIFERATA.

Ramesa ligniferata, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865).

N. India.

1527. RAMESA TOSTA.

Ramesa tosta, Walker, Cat. Lep. Het. B. M. v, p. 1017, (1855).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 5, (not 15), (1886).

N. India.

Genus **Callænia.**

1528. CALLÆNIA ELONGATA.

Callænia elongata, Butler, Ann. Mag. N. H. (5) vi, p. 67, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 11, pl. 103, fig. 7, (1886).

Collection Swinhoe, Simla.
Also recorded from Sikkim.

1529. CALLÆNIA PULLATA.

Callænia pullata, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.

Dalhousie.

Genus **Hyperæschra.**

1530. HYPERÆSCHRA PALLIDA.

Hyperæschra pallida, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 6, (1886).

Darjiling, Singapore.

Family SATURNIIDÆ.

Genus **Actias.**

1531. ACTIAS IGNESCENS.

Actias ignescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.
———— Wardle's Wild Silks of India, p. 5, (1881).

Andaman Is.

1532. ACTIAS LETO.

Saturnia léto, Doubleday, Proc. Ent. Soc. Lond. v, p. li, pl. 15, (1847-49).
Tropæa leto, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).
Actias leto, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Massen, Beitr. Schmett. i, fig. 10, (1869).*
———— Moore, Wardle's Wild Silks of India, p. 5, (1881).

I. M., Sibsagar (Peal), Buxa (Moti Ram), Sikkim (purchased).
Also recorded from the Khasi Hills.

1533. ACTIAS MÆNAS.

Actias mænas, Doubleday, Ann. Nat. Mag Hist. xix, p. 95, pl. 7, fig. 1, (1847).
———— Westw., Cab. Or. Ent., p. 45, pl. 22, fig. 1, (1848).
———— Massen, Weymer Beitr. Zur. Schmett. 1872, figs. 25, 26.*
———— Moore, Wardle's Wild Silks of India, p. 5, (1881).
Tropæa mænas, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).

Collection Swinhoe, Darjiling.
Also recorded from the Khasi Hills and Sylhet.

1534. ACTIAS SELENE.

Echidna selene, Hübner, Samml. Exot. Schmett. i, pl. 172, p. 3, (1806-19).*
Phalæna Attacus luna, Cramer, Pap. Exot. i, pl. 31, figs. A, B, (1775), (*nec* Drury).
Actias selene, Macleay, Zool. Miscl. ii, pl. 70, (1815).*
————Moore, Cat. Lep. Mus. E. I. C. ii, p. 400, pl. 19, figs. 3, 3*a*, (1859).
———— Wardle's Wild Silks of India, p. 5, pl. 13, fig. 1, and pl. 14, (1881).
———— Lep. Ceyl. ii, p. 123, pl. 126, figs. 1, 1*a*, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306.
Tropæa selene, Hübn., Verz. Bek. Schmett., p. 152, (1816).
———— Walker, Cat. Lep. Het B. M. vi, p. 1262, (1855).
Plectropteron dianæ, Hutton, Ann. Mag. N. H. xvii, p. 60, (1846).
———— Trans. Ent. Soc. Lond. v, p. 45, pl. 5, fig. 11, (1847-49).
Plectropteron selene, Hutton, Trans. Ent. Soc. Lond. v, p. 85, (1847-49).

I. M., Sikkim (Barnes), Khasi Hills (Chennel), Shillong, Sylhet, Sibsagar (Peal).
Collection Swinhoe, Simla, Belgaum, Darjiling, Matheran.
Also recorded from Ceylon and China.

Genus **Attacus.**

1535. ATTACUS ATLAS.

Phalæna atlas, Linn., Mus. Lud-Ulr, p. 366, (1764).
——————— Syst. Nat. i, ii, p. 808, (1767).
——————— Cramer, Pap. Exot. iv, pl. 381, fig. C., and pl. 382, fig. A, (1781), also i, pl 9, fig. A, var., (1775).
Bombyx atlas, Fabr., Syst. Ent. 1, p. 556, (1775).
——————— Sp. Ins. ii, p. 167, (1781).
——————— Mant. Ins. ii, p. 108, (1787).
——————— Ent. Syst. iii, i, p. 407, (1793).
——————— Olivier, Enc. Meth. Ins. v, 24, pl. 69, fig. 1.*
Attacus atlas, Hübner, Verz. Bek. Schmett. pp. 156, 1625, (1816).
——————— Walker, Cat. Lep. Het. B. M. v, p. 1218, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 405, pl. xx, figs. 2, 2*a*, (1859).
——————— Moore, Wardle's Wild Silks of India, p. 4, pls. 9, 10, (1881).
Saturnia silhetica, var., Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).

I. M., Sylhet, Sibsagar (Moti Ram), Cachar (Hutton?), Mussooree (Hutton?), Almora (Hutton?), Sikkim (Barnes), Buxa (Moti Ram), Perak (purchased), Johore.
Collection, Swinhoe, Belgaum, Nilgiri Hills, Darjiling, Khandalla.
Also recorded from Ceylon and Java.

1536. ATTACUS CANNINGII.

Attacus canningii, Walker, Cat. Lep. Het. xxxii, p. 525, (1865).
——————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

N.-W. Himalayas.

1537. ATTACUS CYNTHIA.

Phalæna (*Attacus*) *cynthia*, Drury, Exot. Ins. ii, pl. 6, fig. 2, (1773).
——————— Cramer, Pap. Exot. i, pl. 39, fig. A, (1775).
Bombyx cynthia, Oliv., Enc. Meth. v, 30, 26.
Samia cynthia, Hübn., Verz. Bek. Schmett., p. 156, 1629, (1816).
Phalæna cynthia, Roxburg, Trans. Linn. Soc. Lond. vii, p. 42, pl 3.
——————— Helfer, Journ. As. Soc. Beng. vi, p. 45, pl. 5, (1837).
Saturnia cynthia, Westw., Ed. Drury. ii, p. 12, pl. 6, fig. 2, (1837).*
Attacus cynthia, Walker, Cat Lep. Het. B. M. v, p. 1220, (1855).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, pl. 20, figs. 3, 3*a*, (1859).
——————— Wardle's Wild Silks of India, p. 4, pl. 19, figs. 1, 2, (1881).

I. M., Sikkim (Barnes), Buxa (Moti Ram), Simla, Sibsagar (Peal), Cachar (Hutton), Shillong, Sylhet.
Collection Swinhoe, Simla, Nilgiri Hills.
Also recorded from Java, China, and Tasmania.

1538. ATTACUS EDWARDSII.

Attacus edwardsii, White, Proc. Zool. Soc. Lond, 1859, p. 115, pl. 57.
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 406, (1859).
——————— Walker, Cat. Lep. Het. B. M. xxxii, p. 524, (1865).
——————— Butler, Ill. Typ. Lep. Het. (v), p. 60, pl. 92, 93, (1881).
——————— Moore, Wardle's Wild Silks of India, p. 4, (1881).

I. M., Shillong, Sikkim (Barnes).
Allied to *A. atlas*.

1539. Attacus guerini.

Attacus guerini, Moore, Proc. Zool. Soc. Lond. 1859, p. 269, pl. 65, fig. 3.
——————— Cat. Lep. Mus. E. I. C. ii, p. 409, (1859).
———————Walker, Cat. Lep. Het B. M. xxxii, p. 525, (1865).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———————Wardle's Wild Silks of India, p. 5, (1881).

Bengal.

1540. Attacus obscurus.

Attacus obscurus, Butler, Trans. Ent. Soc. Lond. 1879, p. 5.
———————Moore, Wardle's Wild Silks of India, p. 5, (1881).

Cachar.

1541. Attacus ricini.

Saturnia ricini, Boisd., Ann. Soc. Ent. Fr. (3) ii, p. 755, (1854).
Attacus lunula, Walker, Cat. Lep. Het. B. M. v, p. 1221, (1855).
———————Moore, Wardle's Wild Silks of India, p. 5, (1881).
Attacus ricini, Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, (1859).
———————Walker, *loc. cit.*, xxxii, p. 525, (1865).
——————— Moore, Wardle's Wild Silks of India, p. 4, pl. 8, figs. 1, 2, (1881).
Philosamia lunula, Butler, Ill. Typ. Lep. Het. v, p. 601, pl. 94, fig. 1, (1881).

I. M., Dinajpur, Kalliganj, Sibsagar (Peal), Bengal (Hutton ?).
Also recorded from Ceylon and China.
Allied to *A. cynthia*.

1542. Attacus silhetica.

Saturnia silhetica, Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).
Attacus silhetica, Moore, Wardle's, Wild Silks of India, p. 4, (1881).

Sylhet, Dacca.

1543. Attacus taprobanis.

Attacus taprobanis, Moore, Lep. Ceyl. ii, p. 124, pl. 127, figs. 1, 1*a*, (1882).

Ceylon.

1544. Attacus vesta.

Attacus vesta, Walker, Cat. Lep. Het. B. M. xxxii, p. 525, (1865).

India.

Genus **Saturnia**.

1545. Saturnia anna.

Saturnia anna, Moore, Proc. Zool. Soc Lond. 1865, p. 818.
———————Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.

1546. Saturnia cidosa.

Saturnia cidosa, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 423. pl. 22, fig. 2, (1864-66).
———— Proc. Zool. Soc. Lond. 1867, p. 684.
———— Wardle's Wild Silks of India, p. 7, (1881).

Sikkim.

1547. Saturnia grotei.

Saturnia grotei, Moore, Proc. Zool. Soc. Lond. 1859, p. 265, pl. 65, fig. 2.
———— Cat. Lep. Mus. E. I. C. ii, p. 404, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 530, (1865).
———— Butler, Ill. Typ, Lep. Het. v, p. 61, pl. 94, figs. 3, 4, (1881).
———— Moore, Wardle's Wild Silks of India, p. 7, (1881).

I. M., Kulu (purchased).
Collection Swinhoe, Simla, Thibet.

1548. Saturnia iole.

Saturnia iole, Westw., Proc. Zool. Soc. Lond. 1881, p. 144, pl. 12, fig. 1.

Assam.

1549. Saturnia lindia.

Saturnia lindia, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, pl. 22, fig. 3. (1864-66).
———— Proc. Zool. Soc. Lond. 1867, p. 684.
———— Wardle's Wild Silks of India, p. 7, (1881).

Sikkim.
Allied to *S. Grotei*.

1550. Saturnia pyretorum.

Saturnia pyretorum, Westw., Cab. Or. Ent. p. 49, pl. 24, fig. 2, (1848).
———— Walker, Cat. Lep. Het. B. M. vi, p. 1273, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Asia.

Genus **Neoris.**

1551. Neoris huttoni.

Neoris huttoni, Moore, Trans. Ent. Soc. Lond. iii, i, p. 321, (1862-64).
———— Wardle's Wild Silks of India, p. 6, 1881.

Collection Swinhoe, Simla.
Also recorded from Mussooree.

1552. Neoris Shadulla.

Neoris shadulla, Moore, Proc. Zool. Soc. Lond. 1872, p. 577.
———— Wardle's Wild Silks of India, p. 7, (1881).

Yarkand.

1553. NEORIS STOLICZKANA.

Saturnia stoliczkana, Felder, Reise Novara Lep. iv, pl. 87, fig. 3, (1864-75).
Neoris stoliczkana, Moore, Wardle's Wild Silks of India, p. 7, (1881).

Ladak.

Genus **Loepa.**

1554. LOEPA KATINKA.

Saturnia katinka, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 2, (1848).
Antheræa katinka, Walker, Cat. Lep. Het. B. M. v, p. 1251, (1855).
Loepa katinka, Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, pl. 20, figs. 1, 1*a*, (1859).
———— Walker, *loc. cit.*, xxxii, p. 530, (1865).
———— Moore, Wardle's Wild Silks of India, p. 7, (1881).

I. M., Yunan.
Collection Swinhoe, Simla, Darjiling, Java.
Also recorded from Assam.

1555. LOEPA MIRANDA.

Loepa miranda, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, (1864-66).
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1944, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.
———— Wardle's Wild Silks of India, p. 7, (1881).
Antheræa miranda, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

I. M., Sibsagar, Sikkim (purchased), Shillong.
Closely allied to *L. katinka*.

1556. LOEPA SIKKIMA.

Loepa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.
———— Wardle's Wild Silks of India, p. 7, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

1557. LOEPA SIVALICA.

Loepa sivalica, Moore, Wardle's Wild Silks of India, p. 7, (1881).

Mussooree.

Genus **Antheræa.**

1558. ANTHERÆA ANDAMANA.

Antheræa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.
———— Wardle's Wild Silks of India, p. 6, (1881).

S. Andaman Is.

1559. ANTHERÆA ASSAMA.

Saturnia assama, Westw., Cab. Or. Ent., p. 42, pl. 20, fig. 2, (1848).
Saturnia assamensis, Helfer, Journ. As. Soc. Beng. vi, p. 43, (1837).

ANTHERÆA ASSAMA,—*continued.*

Antheræa assama, Walker, Cat. Lep. Het. v, p. 1249, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 398, pl. xix, figs. 2, 2*a*, (1859).
———— Wardle's Wild Silks of India, p. 6, (1881)
Antheræopsis assama, Wood-Mason, Annual Report, Indian Museum, p. 21, (1886).

I. M., Dehra Dhun (Hutton ?), Sibsagar, Gauhati (Mein).
Also recorded from Ceylon.
Known as the "Muga."

1560. ANTHERÆA CINGALESA.

Antheræa cingalesa, Moore, Lep. Ceyl. ii, p. 122, pl. 125, figs. 1, 1*a*, 1*b*, (1882).

Ceylon.

1561. ANTHERÆA FRITHI.

Antheræa frithi, Moore, Proc. Zool.Soc. Lond. 1859, p. 256, pl. 65, fig. 1.
———— Cat. Lep. Mus. E. I. C. ii, p. 396, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).
———— Butler, Ill. Typ. Lep. Het. v, p. 59, pl. 91, fig. 8, (1881).
———— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased), Buxa (Moti Ram).
Collection Swinhoe, Darjiling.

1562. ANTHERÆA HELFERI.

Antheræa helferi, Moore, Proc. Zool. Soc. Lond. 1859, p. 257, pl. 64, fig. 2.
———— Cat. Lep. Mus. E. I. C. ii, p. 397, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).
———— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (Barnes).

1563. ANTHERÆA MEZANKOORIA.

Antheræa mezankooria, Moore, Wardle's Wild Silks of India, p. 5, (1881).

Assam.

1564. ANTHERÆA MYLITTA.

Phalæna (*Attacus*) *mylitta*, Drury, Ill. Exot. Ins. ii, pl. 5, fig. 1, (1773).
Attacus mylitta, Blanch., Jacq. Voy. dans l'Inde, p. 24, pl. 3, figs. 1, 2, (1844).
Bombyx mylitta, Fabr., Syst. Ent. p. 553, 6, (1775).
———— Oliv., Enc. Meth. v, p. 26, 9, pl. 69, fig. 5.*
Phalæna paphia, Cramer, Pap. Exot. ii, pl. 147, figs. A, B, (1777).
———— Roxburgh, Trans. Linn. Soc. Lond. vii, p. 33, (1804).
Antheræa mylitta, Hübn., Verz. Bek. Schmett. p. 152, 1589, (1816).
———— Walker, Cat. Lep. Het. B. M. v, p. 1247, (1855), and vi, p. 1378, (1855).
———— Moore, Wardle's Wild Silks of India, p. 5, pl. 2, figs. 1, 2, (1881).
———— Aurivillius, Sv. Akad. Hand. xix, 5, p. 148, Note, (1882).

ANTHERÆA MYLITTA,—*continued.*

Antheræa paphia, Moore, Cat. Lep. Mus. E. I. C. ii, p. 385, pl. 19, figs. 1, 1*a*, (1859).
———— Beavan, Proc. Ent. Soc. Lond. (3) ii, pp. 40-43, (1864-66).
Saturnia mylitta, Westw., Ed. Drury ii, p. 10, pl. 5, fig. 1, (1837)*.
Saturnia paphia, Helfer, Journ. As. Soc. Beng. vi p. 42, (1837).
Saturnia pernyi, Guer., Rev. et Mag. de Zool. 1855, p. 297, pl. 6, fig. 1, var. .
———— Zimmermann, Verh. Ver. Hamb. iii, p. 23, (1878)*.
———— Präger, Stett. Ent. Zeit. 3, 9, p. 245, (1878).*

I. M., Manbhum (Bevan), Hyderabad (Hutton?), Goalpara, Hazaribagh, Calcutta, Naini Tal, Pondicherry (Hutton?), Sylhet, Central India, Sikkim (purchased), Muttra, Palamow, Bhagulpore, Colgong (Hutton?), Berhampore, Sambulpore, Akra (Cleghorn). Besides an hermaphrodite imago and its cocoon, from Chandernagore, (purchased).
Also recorded from Ceylon and China.
Known as the "Tusser."

1565. ANTHERÆA NEBULOSA.

Antheræa nebulosa, Hutton.
———— Moore, Wardle's Wild Silks of India, p. 5, (1881).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 441.

I. M., Singbhum (Hutton?).
Collection Swinhoe, Assigarh, Satara, Bombay, Poona, Thanna.
Closely allied to *A. mylitta*.

1566. ANTHERÆA PERROTTETII.

Bombyx perrottetii, Guer., Mag. Zool. 1843, Ins., pl. 123*.
Antheræa perrottetii, Walker, Cat. Lep. Het. B. M. vi, p. 1379, (1855).
———— Moore, Wardle's Wild Silks of India, p. 6, (1881).

Pondicherry.

1567. ANTHERÆA ROYLEI.

Antheræa roylei, Moore, Proc. Zool. Soc. Lond. 1859, p. 256, pl. 64, fig. 1.
———— Cat. Lep. Mus. E. I. C. ii, p. 397, (1859).
———— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).
———— Moore, Wardle's Wild Silks of India, p. 6, pl. 7, fig. 1, (1881).

I. M., Mussooree (Hutton?), Sikkim, Khasi Hills (Chennel).
Collection Swinhoe, Darjiling.

1568. ANTHERÆA SIMPLICIA.

Antheræa simplicia, Massen & Weymer, Beitr. zur Schmett., pt. ii, p. 20, (1872)*.

E. Indies.

Genus **Salassa.**

1569. SALASSA LOLA.

Saturnia lola, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 3, (1848).
Antheræa lola, Walker, Cat. Lep. Het. B. M. v, p. 1252, (1855).
Salassa lola, Moore, Wardle's Wild Silks of India, p. 6, (1881).
———— Moore, Proc. Zool. Soc. Lond. 1859, p. 246.

Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus **Caligula.**

1570. CALIGULA CACHARA.

Caligula cachara, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.
———— Wardle's Wild Silks of India, p. 6, (1881).

Cachar.

1571. CALIGULA SIMLA.

Saturnia simla, Westw., Cab. Or. Ent., p. 41, pl. 20, fig. 1, (1848).
Antheræa simla, Walker, Cat. Lep. Het. B. M. v, p. 1249, (1855).
———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, (1859).
Caligula simla, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Simla (DeNiceville), Mussooree (Hutton?), Khasi Hills.
Collection Swinhoe, Simla, Kashmir.

1572. CALIGULA THIBETA.

Saturnia thibeta, Westw., Proc. Zool. Soc. Lond. 1853, p. 166.
———— Ann. Nat. Hist (2), xv, p. 302, (1855).
Antheræa thibeta, Walker, Cat. Lep. Het. B. M. v, p. 1250, (1855).
Caligula thibeta, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.
———— Wardle's Wild Silks of India, p. 6, (1881).

Darjiling, Thibet.
Closely allied to *C. simla*.

Genus **Rinaca.**

1573. RINACA EXTENSA.

Rinaca extensa, Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, fig. 2, (1881).

Darjiling.

1574. RINACA ZULEIKA.

Saturnia zuleika, Hope, Trans. Linn. Soc. Lond. xix, p. 132, pl. 11, fig. 5, (1845).
Rinaca zuleika, Walker, Cat. Lep. Het. B. M. vi, p. 1275, (1855).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.
———— Massen & Weymer, Beitr. Zur Schmett ii, fig. 24, (1872.)*
———— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).
Collection Swinhoe, Simla, Darjiling.
Also recorded from Sylhet.

Genus **Rhodia.**

1575. RHODIA NEWARA.

Rhodia newara, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.
———— Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).
Also recorded from Nepal.

Genus **Brahmæa.**

1576. BRAHMÆA CERTHIA.

Bombyx certhia, Fabr., Ent. Syst. iii, i, p. 412, 16, (1793).
I. M., Sikkim (purchased), Shillong.
Collection Swinhoe, Darjiling.

1577. BRAHMÆA CONCHIFERA.

Brahmæa conchifera, Butler, Ann. Mag. N. H. (5), v, p. 188, (1880).
———— Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs 3, 4, 1881).
Bramhæa certhia, Walker, (*nec*), Fabricius) Cat. Lep. Het. B. M. vi, p. 1316, (1855).
———— Moore, Cat. Lep. Mus. E. I C. ii, p. 410, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1866, p. 118, fig 1.
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

Sylhet, Darjiling.

1578. BRAHMÆA RUFESCENS.

Brahmæa rufescens, Butler, Ann. Mag. N. H. (5), vi, p. 62, (1880).
N.-E. Bengal.

1579. BRAHMÆA WALLICHII.

Brahmæa wallichii, Gray, Zool. Misc., p. 39, (1832).*
———— Lep. Ins. Nepal., pls. 15, 16, (1833).*
Bombyx spectabilis, Hope, Trans. Linn. Soc. Lond. xviii, p. 443, pl. 31, fig. 3, (1841).
Brahmæa wallichii, Butler, Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs. 5, 6, (1881).
Assam, Nepal.

1580. BRAHMÆA WHITEI.

Brahmæa whitei, Butler, Proc. Zool. Soc. Lond. 1866, p. 119, fig. 2.
———— Massen and Weymer, Beitr. zur, Schmett. pt. ii, fig. 17, (1872).*
———— Butler, Ill. Typ. Lep. Het. v, p. 62, pl. 95, figs. 1, 2, (1881).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.
Brahmæa hearseyi, White, Proc. Ent. Soc. Lond. (3), i, p. 26, (1862-64).
N.-W. India.

Family COSSIDÆ.

Genus **Cossus.**

1581. Cossus abruptus.

Cossus abruptus, Walker, Cat. Lep. Het. B. M. xxxii, p. 584, (1865).

India.

1582. Cossus cadambæ.

Cossus cadambæ, Moore, Proc. Zool. Soc. Lond. 1865, p. 822.

Calcutta.

1583. Cossus cashmirensis.

Cossus cashmirensis, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Kashmir.

Genus **Zeuzera.**

1584. Zeuzera acronyctoides.

Brachylia acronyctoides, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 4.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515; 1885, p. 306; and 1886, p. 441.

Collection Swinhoe, Karachi, Mhow, Bombay.

1585. Zeuzera albofasciata.

Zenzera (sic) *albofasciata*, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).

Darjiling.

1586. Zeuzera asylas.

Phalæna asylas, Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. C, (1777).
Hepialus scalaris, Fabr., Sp. Ins. ii, p. 208, 4, (1781).
——————— Mant. Ins. ii, p. 135, 7, 1787).
Cossus scalaris, Fabr., Ent. Syst. iii, 2, p. 5, 5. (1794).
Morpheus scalaris, Hübn., Verz Bek Schmett., p. 196, 2005, (1816).
Zeuzera scalaris, Donov., Ins. India, p. 83, pl. 53, fig. 2, (1838).
Zeuzera asylas, Walker, Cat. Lep. Het. B. M. vii, p. 1538, (1856).

India, China.
I. M., Sikkim (Peters), Kulu (purchased).

1587. Zeuzera bivittata.

Zeuzera bivittata, Walker, Cat. Lep. Het. B. M. xxxii, p. 586, (1865).

Collection Swinhoe, Karachi.

1588. Zeuzera coffeæ.

Zenera (sic) *coffeæ*, Neitner, Obs. Enemies of Coffee in Ceylon, p. 21, (1861).*
Zeuzera coffeæ Moore, Lep. Ceyl. ii, p. 154, p. 143, figs. 1, 1*a*, 1*b*, (1882).

I. M., Cachar (Wood-Mason).
Also recorded from Ceylon.

1589. Zeuzera conferta.

Zeuzera conferta, Walker, Cat. Lep. Het. B. M. vii, p. 1536, (1856).
Zenzera (sic) *conferta*, Moore, Proc. Zool. Soc. Lond. 1867, p. 686.
———————— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 10, (1886).

Sylhet.

1590. Zeuzera indica.

Zeuzera indica, Herr Schäffer, Lep. Exot. Spec. Nov. 1854, fig. 166.*
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859).
Zeuzera paucipunctata, Walker, Cat. Lep. Het. B. 17 vii, p. 1537, (1856).
Zenzera (sic) *paucipunctata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.

I. M., Sikkim (purchased).
Collection Swinhoe, Simla, Sikkim.

Also recorded from Sylhet.

1591. Zeuzera leuconota.

Zeuzera leuconota, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1859).
Zenzera (sic) *leuconota*, Proc. Zool. Soc. Lond. 1867, p. 685.
———————— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 108, figs. 1, 2, (1886).
Hinnæya leuconota, Moore, Lep. Ceyl. ii, p. 152, pl. 143, figs. 3, 3*a*, (1882).

I. M., Sikkim, Simla, Calcutta (Thomas).
Collection Swinhoe, Simla.
Also recorded from Sylhet and Ceylon.

1592. Zeuzera mineus.

Phalæna (*Bombyx*) *mineus*, Cramer, Pap. Exot. ii, pl. 131, fig. D, (1777).
Chalcidica minea, Hübn., Verz. Bek. Schmett., p. 197, 2011, (1816).
Zeuzera minea, Donov., Ins. Ind., p. 82, pl. 53, fig. 1, (1838).
Zeuzera mineus, Walker, Cat. Lep. Het. B. M. vii, p. 1535, (1856).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1855).
Zeuzera viridicans, Eschscholtz, Kotz. Reise, p. 216, , fig. 29.*

I. M., Sylhet, Calcutta, Sikkim.
Collection Swinhoe, India.
Also recorded from Manilla and Java.

1593. Zeuzera multistrigata.

Zenzera (sic) *multistrigata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.
Zeuzera indica, Walker, (*nec* Herr Schäff.), Cat. Lep. Het. B. M. vii, p. (1856).

Darjiling.

1594. Zeuzera nigra.

Zenzera (sic) *nigra*, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).
Zeuzera nigra, Moore, Lep. Ceyl. ii, p. 155, pl. 143, figs. 2, 2*a*, (1882).

Ceylon.

1595. Zeuzera pardicolor.

Zenzera (sic) *pardicolor*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Darjiling.

1596. Zeuzera pusilla.

Zeuzera pusilla, Walker, Cat. Lep. Het. vii, p. 1538, (1856).
Zenzera (sic) *pusilla*, Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 9, (1886).

I. M., Bangalore.

1597. Zeuzera signata.

Zeuzera signata, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).

N. India.

1598. Zeuzera stigmatica.

Zenzera (sic) *stigmatica*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Darjiling.

Genus **Duomitus.**

1599. Duomitus ligneus.

Duomitus ligneus, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 29, pl. 108, fig. 3, (1886).

I. M., Sikkim (purchased).
Also recorded from Nias.

Genus **Phragmatœcia.**

1600. Phragmatœcia fæda.

Phragmatœcia fœda, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, pl. 47, fig. 1.

Collection Swinhoe, Karachi.

1601. Phragmatœcia minor.

Phragmatœcia minor, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.

Collection Swinhoe, Mhow.
Also recorded from Sylhet.

1602. Phragmatœcia saccharum.

Phragmatœcia saccharum, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).

Darjiling.

Genus **Arbela.**

1603. ARBELA QUADRINOTATA.

Cossus quatuornotatus, Walker, Cat. Lep. Het. B. M. vii, p. 1521, (1856).
Arbela quadrinotata, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.
——————— Lep. Ceyl. ii, p. 155, pl. 143, fig. 3, (1882).

Ceylon.

1604. ARBELA TESSELLATA.

Cossus tessellatus, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).
Arbela tessellata, Moore, Proc. Zool. Soc. Lond. 1879, p. 411.

Calcutta.

1605. ARBELA TETRAONIS.

Arbela tetraonis, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 3.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.

Collection Swinhoe, Poona.
Also recorded from Bombay.

FAMILY HEPIALIDÆ.

Genus **Hepialus.**

1606. HEPIALUS INDICUS.

Hepialus indicus, Walker, Cat. Lep. Het. B. M. vii, p. 1558, (1865).

I. M., Simla, Sibsagar.
Collection Swinhoe, Solun.

1607. HEPIALUS MARCIDUS.

Hepialus marcidus, Butler, Ann. Mag. N. H. (5), vi, p. 69, (1880).
——————— Ill. Typ. Lep. Het. vi, p. 29, pl. 108, figs. 4, 5, (1886).

Darjiling.

1608. HEPIALUS MURINUS.

Hepialus murinus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.

Dharmsala.

1609. HEPIALUS NEPALENSIS.

Hepialus nepalensis, Walker, Cat. Lep. Het. B. M. vii, p. 1557, (1865).
——————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 438, (1859).
———————Proc. Zool. Soc. Lond. 1867, p. 686.

Nepal, Sikkim.

1610. Hepialus pauperatus.

Hepialus pauperatus, Walker, Cat. Lep. Het. B. M. xxvii, p. 593, (1865).
———— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 108, figs. 6, 7, (1886).

India.
I. M., Kulu (Young).

1611. Hepialus sexnotatus.

Hepialus sexnotatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.
Darjiling.

1612. Hepialus tavoyanus.

Hepialus tavoyanus, Moore, Journ. As. Soc. Beng. (55), 2, i, p. 98, (1886).
I. M., Tavoy (Type—Moti Ram).

1613. Hepialus umbrinus.

Hepialus umbrinus, Moore, Descr. Ind. Lep. Atk. i, p. 88, (1879).
Darjiling.

Genus **Gorgopis.**

1614. Gorgopis vilis.

Gorgopis vilis, Walker, Cat. Lep. Het. B. M. xxxii, p. 596, (1865).
N. India.

Genus **Phassus.**

1615. Phassus aböe.

Phassus aböe, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1851).
———— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 1, (1886).
Darjiling.

1616. Phassus albofasciatus.

Phassus albofasciatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413, pl. 34, fig. 8.
Nilgiri Hills.

1617. Phassus chalybeatus.

Phassus chalybeatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.
Darjiling.

1618. Phassus damor.

Phassus damor, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859).
————Butler, Ill. Typ. Lep. Het. vi, p. 31, pl. 109, fig. 3, (1886).
Darjiling.

1619. PHASSUS MALABARICUS.

Phassus malabaricus, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.
Kanara, Ootacamand.

1620. PHASSUS PURPURESCENS.

Phassus purpurescens, Moore, Lep. Ceyl. ii, p. 156, pl. 143, fig. 4, (1882).
I. M., Perak (purchased).
Also recorded from Ceylon.

1621. PHASSUS SALSETTENSIS.

Phassus salsettensis, Moore, Proc. Zool. Soc. Lond. 1879, p. 412, pl. 34; fig. 5.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.
Collection Swinhoe, Poona.
Also recorded from Bombay.

1622. PHASSUS SIGNIFER.

Phassus signifer, Walker, Cat. Lep. Het. B. M. vii, p. 1568, (1856).
———————— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 2,(1886),
Sylhet, Ceylon, Borneo.

1623. PHASSUS UNDULIFERA.

Phassus undulifera, Walker, Char. Undescr Lep. Het. p. 102, (1869).
Benares.

INDEX TO PART II.

A

abdominalis 827, 856.
aböe 1615.
Abrostola 1199.
abruptus 1581.
Abstracta 1499.
aconyta 1457.
Acræa 367.
Acronycta 774.
acronyctoides 1584.
Acrosema 1513.
Acrosema 1519.
actias 1531.
acuta 1511.
acyphas 878.
adala 1318.
adalifa 406.
adita 664.
Adites 646.
adolphei 1413.
Adrepsa 732.
adulatrix 308.
ædea 367.
Ægeria 192.
Ægeria 191.
ÆGERIIDÆ 188.
Ægocera 345.
ægoceroides 340.
ægrota 642.
Æmene 710.
Ænescens 1426.
affinis 272, 407, 1368.
afflicta 309.
afghana 211.
Agalope 429.
Aganais 531.
Aganopsis 512.
Agarista 322, 340.
AGARISTIDÆ 308.
Agnidra 1253.
Agrisius 544.
alba 479, 1084, 1085.
Alba 776.
albata 408.
albescens 975, 1128.
albicans 554, 1500.
albicollis 1091.
albifascia 435, 872, 1205.
albifinis 561.
albifrons 218.
albipars 1422.
albipes 493.
albipuncta 1305.
albistriga 761, 1149.
albocinerea 574.
albodentata 959.
albofasciata 1585.
albofasciatus 1616.
albolunulata 999.
albomarginata 310.
albonotata 1235.
alborosea 656.
alciphron 528.
aliris 400.
alliciens 1225.
Aloa 813.
Aloa 761, 762, 763, 776, 788, 789, 791, 793, 795, 796, 811.
alompra 368.
Alompra 1337.
Alpenus 823.
Alope 478, 1047.
Alope 778.
Alphœa 861, 856.
alterata 1369.
alterna 192.
alternus 1129.
Alphœa 861.
amabilis 657.
amatrix 311.
Ambadra 1233.
amboinæ 1513.
Amerila 764, 766.
Amesia 400.
Ammatho 696.
amœna 281.
Amphissa 763.
ampla 1028, 1491, 1505.
Amsacta 1089.
Amydona 1453, 1455, 1456.
anada 1370.
Anagnia 539.
Anaxila 1039.
anchora 480.
Andala 772.
andamana 496, 529, 636, 1558.
andersoni 219.
Andraca 1328.
angulifera 595, 889, 1068.
anila 643.
anna 1545.
Anodonta 1160
Antheræa 1354, 1554, 1555, 1569, 1571, 1572.
Antheræa 1558.
antheræata 1394.
Antheræopsis 1559.

Antheua 1136.
anthredoniformis 196.
antica 624, 934, 1039.
antica 867, 994, 1090.
Anticyra 1135.
Anteyra 1090.
Antipha 1039.
aperiens 220, 1294.
Apela 1181.
Apha 1341.
Aphendala 1294.
Aphusia 502.
apicalis 562, 902, 960, 1087, 1130, 1139, 1280, 1525.
apicalis 1141.
apicata 1323.
Apona 1340.
Apona 1349.
approximata 1090.
Aprata 487.
apsara 993.
Aracotia 393.
arama 658.
Arbela 1603.
Arbudas 477.
arctata 460.
Arctia 759, 783, 811, 837, 857, 860.
Arctia 751.
ARCTIIDÆ 751.
arcuata 675.
Ardices 861.
Ardices 857.
Areas 810.
Areas 818, 820.
arenacea 941.
arenosa 1514.
Arestha 1090.
argentata 409, 1161.
argentea 1056, 1193.
argentea 1127.
argentifera 1167, 1306.
Argina 741.
Arguda 1476.
argus 741, 798.
Argyris 1258.
Argyris 1259.
argyrosigna 1224.
Aristhala 1112.
Arna 902.
Aroa 869.
Aroa 1032.
arracanensis 1094.
Arsacia 1230.
Artaxa 902.
Artaxa 924, 968.
Artina 221.
artocarpi 676.
Artona 292.
Artona 300.
aruna 312.
Arunda 1116.
aryama 1000.
asclepiades 1362.
ashtaroth 204.
asiliformis 205.
ascetria 1001.
asoka 212.
assama 1559.
assamica 677.
astarte 195.
astræa 764.
astrea 742.
asylas 1586.
atereus 222.
atkinsoni 190, 223, 305, 455, 484.
atlas 1535.
Atolmis 629.
atomaria 903, 934.
Atossa 457.
atrata 555.
atratus 474.
Attacus 1354, 1534, 1537, 1564.
Attacus 1535.
attenuata 485.
aurantiaca 717.
aurata 282, 1150.
auriflava 588.
auriflua 586, 1371.
auritracta 1154.
aurogrisea 1265.
austeni 224, 313.
Autoceras 715.
Auzata 1257.

B

bala 343.
Bambalina 489.
Baradesa 1216.
Barhona 1083.
Barsine 694.
Barsine 662, 663, 686.
Baryaza 1062.
basalis 314, 429, 904, 1040, 1168, 1190, 1206, 1272.
basalis 867, 1456.
basiflava 450.
basifurca 1044.
basigera 600.
basimaculata 360.
basinigra 1002.
basinota 614.
basistriga 607, 1143.
basivitta 1035.
Bazisa 1071.
Beara 1211.
beatrix 1003.
beema 615.
belgoraea 1326.
Belippa 1323.
Belippa 1322.
Belippa 1322.
bellatrix 315.
bellissima 659.
Bembina 1087.
bengalensis 1101.

berinda 225.
Besaia 1142.
Beterusia 369.
bhana 976.
Bharetta 1327.
bhascara 1014.
bheroba 1492.
Bhira 1488.
Bianca 660.
bicincta 226.
bicolor 363, 390, 477, 873, 1218, 1281.
bifasciata 451.
bifasciata 641.
biguttа 893, 935.
biguttata 789.
bimacula 345.
bimaculata 854, 936, 1506.
binghami 417.
binotatum 566.
biocellata 1140.
biocularis 1236.
bipars 216, 563, 866, 1138.
bipartita 965.
bipunctata 1328.
Bireta 1185.
biseriatus 823.
bivitta 626.
bivittata 1022, 1587.
Bizone 656.
bobi 1515.
BOMBYCIDÆ 1091.
bombyliformis 196.
bombyliformis 199.
bombylipennis 196.
Bombyx 1094.
Bombyx 739, 748, 749, 780, 787, 818, 867, 908, 941, 1003, 1101, 1102, 1103, 1104, 1105, 1106, 1354, 1385, 1410, 1413, 1414, 1415, 1457, 1458, 1463, 1500, 1535, 1537, 1564, 1566, 1576, 1579, 1592.
Bomochroa 1394.
Boradia 366.
Brachylia 1584.
Brachytera 1419.
bracteata 1307.
Brada 1119.
brahma 1458.
Brahmæa 1576.
brevilinea 1308.
brevipennis 580.
brevivitta 905.
brotea 1024.
Brunia 624.
brunnea 596, 601, 828, 1169.
brunnescens 977.
Bucoea 771.
buddha 1458.

C

cachara 1570.
cadambae 1582.
Cadphises 361.
Cadrusia 1079.
calamaria 585.
calamita 482.
caliginosa 1372.
Caligula 1570.
Callænia 1528.
Callamesia 404.
Callamesia 401.
callichlora 504.
CALLIDULIDAE 480.
Callirdrepana 1252.
Callidula 480.
calligramma 997.
Callimorpha 730.
Callimorpha 402, 441, 478, 551, 779.
callisoma 811.
Callitomis 263.
callizygæna 291.
Caloptera 1263.
Calpe 1218.
Calpenia 542.
CALPINAE 1218.
caltura 1085.
Campylotes 455.
cana 1295.
canaraica 517, 1373.
candida 731.
candidula 816.
candidula 813.
Candyba 1326.
Canerkes 349.
Cania 1321.
canningii 1536.
Capissa 588.
cara 1004.
Caragola 1078.
Carbisa 864.
carcinata 370.
Carcynopyga 767.
cardinalis 421.
Carea 1120, 1121,
CAREINAE 1114.
caricae 528.
carneola 366, 1083.
cashmirensis 213, 1349, 1445, 1583.
casigneta 829.
Castabala 729.
castanea 1211, 1481.
castaneipars 1309.
castanoptera 1374, 1427.
Catocala 339.
catocalina 338, 1081.
caudata 351, 458.
Caviria 1064.
Ceira 1143.
Celeia 1154.
cenis 461.
cerbera 227.
certhia 1576.
certhia 1577.
Cerura 1123.

Cerura 1127.
cervina 871, 906, 1062, 1075, 1092, 1275, 1365, 1507.
Cetola 1166.
ceylanica 546.
ceylonica 874.
Chadisra 1138.
Chærotricha 965.
Chalcidica 1592.
Chalcosia 406.
Chalcosia 372, 401, 405, 443, 456.
CHALCOSIIDÆ 349,
Chalia 498.
Chalia 495.
Challa 854.
chalybea 209.
chalybeatus 1617.
champa 1213,
Charilina 635.
Charala 1073.
charnidas 879.
Chatamla 426.
Chatra 1479.
cheela 1045, 1486.
Chelura 450.
Cheromettia 1322.
cherra 228.
Chionæma 731.
Chilena 1334,
chloroleuca 505.
Chora, 1121.
chordigera 994.
chordigera 994.
chota 625.
chromataria 499.
Chrysæglia 568.
chrysolopha 994.
Chrysorabdia 626.
Churinga 615.
cicada 369.
cidosa 1546.
Cifuna 1330.
cinctata 978.
cinerascens 540.
cingala 391.
cingalesa 715, 728, 1560.
cinnamomea 879, 1327, 1375.
circe 432.
Circinata 370.
circumdata 371, 894.
Cispia 926.
Cistidia 344.
citrina 907, 1376.
citrinula 1423.
clara 1032, 1048.
clavata 518.
clavatus 778.
Cleapa 1176.
Cleophora 500.
Cleosiris 482.
Clina 734.
Clisiocampa 1333.
Cnethocampa 1044.
Cobanilla 1264.
coccinea 661, 694.
Codane 442.
Cœnochromia 227, 283.
coffeæ 1588.
coleta 462.
collaris 1414.
collaris 230.
Collita 578.
colon 617.
combinata 867.
combusta 1135.
cometaris 395.
comma 814, 1108.
communicans 316,
communis 317.
comparata 895, 901.
complens 1041.
complicata 998.
concana 530.
conchifera 1577.
Conchylis 695.
concolor 1005, 1508.
conferta 644, 1589.
confinis 273.
conformis 618.
confusa 292, 830.
congerens 678.
conjunctana 695.
consanguis 774.
consimilis 1377.
consorta 489.
consorta 490.
conspersa 1319.
contaminata 1378.
Contheyla 1278.
continuatus 786.
contracta 188, 318.
convergens 979.
Corma 1233.
correcta 46.
corusca 410, 415.
cosmiana 1301.
Cossa 600.
COSSIDÆ 1581.
cossoides 1516.
Cossus 1581.
Cossus 1586, 1603, 1604.
costalis 1006, 1041, 1078, 1207.
Crambomorpha 566.
Crambomorpha 565, 567, 570, 615.
Crameria 634.
cramerii 491.
cramerii 490.
Creatonotos 786.
Creatonotos 816.
creusa 257.
Creüsa 283.
cribraria 743.
cribraria 744, 745.
Cricula 1353.

Crino 1201.
cristatrix 1198.
crœsi 1095.
crotalariæ 749.
cruentata 737.
Cryptothelea 489, 490.
cucullata 581.
Culasta 1232.
cuneonotatus 696.
cuprea 301, 497, 1310.
c prea 230.
cupreipennis 191, 229, 1379.
Curoba 478.
curvata 1046.
curvifera 1121.
Cyana 655.
Cyclidia 1058.
Cyclosia 421.
Cyclosia 400, 402, 419, 436, 446.
Cycnia 851.
Cycnia 883, 885.
Cydosia 634.
cygna 1049, 1064.
Cyllene 639, 641, 681.
cymbicornis 1050.
Cymella 678.
cynthia 1537.
Cyphanta 1229.
cyssea 230.
cysseoides 231.

D

Dabarita 1117.
Dabarita 1121.
Dalcera 1266.
Damalis 528.
Damalis 538.
Damata 1179.
damodara 1123.
damor 1618.
Danaka 1210.
Daplasa 1086.
Dappula 492.
Dasychira 975.
Dasychira 993, 994, 998, 1056.
datanga 485.
debos 277.
decedens 1311.
decisa 1489.
decorata 1380.
decurrens 637, 1144.
decurtata 1476.
decussata 966.
defecta 696.
Deiopeia 670, 700, 741, 742, 744, 747, 749, 750, 826.
Deiopeia 737.
deliaria 1259.
delicata 679.
delineata 896.
delphiaria 1260.
denotata 1165.
dentata 1166.
dentatrix 319.
dentilinea 831.
Deroca 899.
detecta 1071.
detersa 1029.
detrita 655.
Devanica 390.
devestita 1061.
dharma 650, 1339.
diabolica 1381.
dianæ 1534.
diaphana 232, 1051, 1109.
diaphana 256.
dichromella 1212.
Dichromia 363.
Dicranura 1127.
Dicranurinæ 1123.
diffusa 1382.
Digama 547.
digramma 908.
diminuta 217, 815.
Dinara 1135.
Dionychopus 833.
Dioptis 350.
Diospage 282, 288.
diphilæa 352.
diptera 233.
Dirphia 1457.
discalis 855, 1136.
discifera 897.
discinigra 832.
discinota 234, 937, 1158.
discisigna 651.
discispilaria 1253.
discistriga 680.
discivitta 293, 1063.
discordans 1383.
discrepans 1355.
disjuncta 619, 883.
dispar 1076.
dispersa 909.
disrupta 235, 1155.
dissimilis 1384.
distincta 320, 372.
distorta 620, 775.
divakara 662.
divaricata 1296, 1446.
divergens 1325.
dives 321.
divisa 236, 573, 857, 938, 1151, 1181, 1493.
Dolgoma 595.
Doliche 654.
Doliche 645, 646.
dolosa 278, 1338.
domina 514.
dominia 515.
Dondera 479.
dorsalis 587.
doryca 519.

doubledaii 495.
dreata 1367.
Dreata 1370, 1376, 1382, 1385, 1389, 1394, 1396, 1402, 1407, 1409, 1410, 1416, 1419, 1423, 1424, 1425, 1430, 1431.
Drepana 1090.
Drepana 1235.
drepanoides 1353.
DREPANULIDÆ 1234.
Drymonia 1165.
Dudusa 1188.
dulcis 373, 744.
Duomitus 1599.
duplexa 1237, 1276.
Dura 1084.
duvaucelii 265.
Dysauxes 276.

E

Earias 499.
Earias 508.
eburneigutta 773.
Echidna 1534.
Echlida 1070.
edocla 374.
edwardsii 1538.
effracta 663.
egens 531.
ejecta 1191.
elegans 631.
Eligma 559.
elongata 1528.
Elydna 1122.
emarginata 1225.
emittens 816.
endoclyta 1522.
Enome 1028.
enteleola 570.
entella 570.
Ephyra 1261.
Epicopeia 351.
Episteme 325.
Epyrgis 401, 404.
Epyrgis 417.
equitalis 799.
Erasmia 454.
Erastria 348.
erecta 910.
Eressa 272.
ernestina 1233.
eronioides 452.
erosa 776.
erycinoides 481.
erythrozona 833.
Esthema 419.
Estigena 1499.
Estigmene 818.
Eterusia 367, 368, 370, 372, 374, 375, 377, 378, 380, 381, 382, 383, 385, 386, 387, 391, 392, 449.
Euchætes 809.
Eucharia 478.
Euchelia 700.
Euchromia 281.
Euchromia 217.
Eumeta 492.
Eumeta 490.
Euphranor 1354.
Euplocia 515.
Euplocia 513.
Euprepia 741, 782, 799, 802, 806, 810, 822, 829, 833.
Euproctis 867, 917, 929, 930, 931, 932, 966, 971, 974.
Euproctis 933.
Eupterote 1368.
Eupterote 1355, 1416, 1418.
eurytion 197.
Euschema 426, 427.
euschemoides 349.
Eusemia 308.
Eusemia 340.
Eutricha 1486.
exanthemata 1137.
excisa 353.
exclamationis 782.
excurrens 638.
exigua 1080.
extensa 237, 1246, 1573.
extrusata 1261.

F

fabia 1385.
fæda 1600.
falcata 1090.
falcata 506.
falcipennis 1482.
fascellina 1254, 1255.
fasciata 375, 547, 589, 623, 722, 886, 980, 1182, 1219, 1440, 1459.
fasciata 478.
fasciatrix 324.
fasciculata 664.
fenestra 1354.
fenestrata 1107.
ferrea 392.
ferrifasciata 568.
ferrifera 1115.
ferruginea 1194, 1322, 1337.
ferruginea 1491.
ferruginosa 1162.
fervida 238.
ficus 538.
figurana 511.
figurata 548.
fimbria 346.
flabellicornis 396.
flabrifera 609.
flammealis 697.
flammans 284.
flava 193, 1238, 1341.

flavalis 834.
flavens 590, 824.
flavescens 426, 1052.
flavicollis 571, 1415.
flavicolor 800.
flavicosta 621.
flavida 1428.
flavimacula 981.
flaviplaga 393.
flavistigma 1163.
flavivenosa 698.
flavomaculata 376.
flavonigra 939.
flavosignata 1487.
flavovittata 1477.
floccosa 723.
flora 817.
floralis 1342.
florescens 858.
fortunatus 1096.
francisca 787.
fraterna 397, 765, 911, 1302, 1417, 1429.
frigida 645.
frithi 1561.
frondosana 500, 501.
frontalis 1300.
frontirufa 1230.
fulgens 1460.
fulgurifera 1201.
fulgurita 1195.
fuliginosa 294, 436, 1007.
fuliginosus 544.
fulvida 295.
fulvohirta 859.
funebris 322.
fusca 1441.
fuscescens 445.
fusiformis 267, 1036.
fusifrons 756.
fytchei 239.

G

Gadera 1223.
galbana 1185.
gamma 940.
Gampola 623.
Gandhara 613.
ganesa 1500.
Gangarides 1339.
Ganisa 1356.
Ganisa 1345.
Garudinia 736.
Gastropacha 1445.
Gastropacha 1274, 1349, 1456, 1499.
Gazalina 993.
gazella 665.
gelida 654.
gemina 433.
geminata 1419.
gemmifera 1203.
Genusa 893.
Geometra 463, 743.
georgina 240.
Ghoria 574.
gigantea 198.
gigas 556.
gigas 555.
glacialis 430, 453.
Glanycus 784.
glaucescens 1356.
glaucopis 441.
Glaucopis 273, 275, 287, 303.
glaucopoides 279.
gloriosa 699.
Gluphisia 1177.
Gnophria 627, 629.
godartii 241.
Gomena 925.
Gonerda 755.
gopara 835.
Gorgopis 1614.
gossypii 500.
graciosa 1286.
grammophora 715.
grandis 1008.
gratiosa 700.
grisea 1009, 1479.
griseipennis 1386.
Grotea 631.
grotei 207, 242, 982, 1517, 1547.
guerini 1539.
guttata 745.
guttata 908.
guttifera 666, 1312.
guttivitta 545.
guttulosana 710.
Gynaephora 868.
Gynautocera 399.
Gynautocera 372, 400, 407, 411, 443.
gyra 1387.

H

hades 1367.
hæmatopus 630.
Hanisa 1106.
Harapa 1077.
Harpyia 1126.
hearseyana 550.
hearseyana 549.
hearseyi 1580.
Heleona 419.
helferi 1562.
heliconia 519.
heliconia 522.
hepatica 1483.
HEPIALIDÆ 1606.
Hepialus 1606.
Hepialus 1586.
Heraclia 324.
Heracula 1063.
herbifera 1316.

Herimba 484.
Herpa 438.
Hesudra 373.
Heterocampa 1167.
Heteropan 437.
Heterusia 367.
hilaris 646, 1282.
Himala 1056.
himalayana 1124.
hinnaeya 1591.
Hipocrita 528.
Hippola 290.
Histia 399.
Histia 395.
histrionicus 456.
Hondella 1336.
Hoplitis 1204.
Horampella 1332.
hormenia 404.
horsfieldi 1102.
howra 836, 912.
hübneri 296.
hübneri 292.
hügeli 501.
humeralis 306.
humilis 681.
huttoni 1103, 1551.
hyalina 243, 446, 899.
hydatina 244.
Hydrusa 267.
Hydrusa 273.
Hylophila 506.
Hyperæschra 1530.
hyperantheræ 1501.
Hypercompa 342, 551, 810, 825.
Hypercompa 798.
Hyphantria 772.
hypocalpe 1219.
Hypocrita 748.
Hypoprepia 630.
Hypsa 512, 513, 515, 528, 529, 531, 532, 534, 535, 536, 538, 539, 540, 541, 546.
Hypsa 517.
HYPSINÆ 512.

I

Icambosida 769.
Icambosida 862.
ichthyura 1193.
icilia 941.
icterica 1117.
ignavus 1388.
ignescens 1531.
igniflua 1502.
ila 682.
ilita 1056.
illepida 1041.
imaon 245.
Imaus 1012.
imbecilis 1389.
imbuta 860.
imitans 418.
immaculata 942, 967.
immutata 1390.
imperialis 810.
impleta 801.
incandescens 1363.
incerta 1030.
incipiens 266.
incitans 1223.
inconcisa 913.
inconspicua 683.
indecisa 1232.
indica 199, 276, 837, 1177, 1183, 1196, 1333, 1590.
indica 1593.
indicus 1131, 1606.
indistincta 684.
indrasana 344.
inducta 602.
inflexa 701.
infumata 718.
Ingura 1198.
innotata 591.
ino, 635.
inobtrusa 1494.
inops 541.
inordinata 1114.
inornata 1313.
insignata 1262.
insolitus 784.
insula 500.
insulana 500, 550.
intensa 1503.
interlectum 473.
intermixta 582.
interrupta 787.
interserta 685.
interstitialis 556.
invalida 1391.
iole 1548.
iratus 277.
irenea 323.
irregularis 790.
irrorata 923, 1057, 1086, 1170, 1452.
irus 283.
isabella 1283.
isabellina 762.

J

Jana 1363.
Jana 1362, 1365, 1366.
javana 532.
jucunda 838.
junctura 1145.
junctifera 882.
justiciæ 914.
juvenis 1336.

K

kamadena 1512.
Kanchia 1688.

kandyia 1126.
kargalica 943.
kashghara 1200.
Katha 580.
katinka 1554.
kausalia 983.
khandalla 791.
khasiana 215, 246, 542, 1361, 1480.
Kophene 497.
Korawa 572.
Kosala 1485.

L

Lacida 875, 883, 884, 1039, 1041, 1042, 1043.
Lacides 538.
lactea 887, 944, 1053, 1110.
lacteata 520, 839.
lacticinia 463.
lactinea 818.
Lælia 889.
lælia 894, 896.
lælioides 886.
læta 1284, 1453.
laleana 1285.
lanceolata 1037.
lancina 507.
lanuginosa 1343.
lapidaria 734.
Lasiocampa 1488.
Lasiocampa 1335, 1413, 1414, 1415, 1418, 1444, 1457, 1458, 1463, 1494, 1500.
LASIOCAMPIDÆ 1327.
latana 736.
laticilia 475.
latifascia 945, 1176, 1317.
latipennis 1495.
latistriga 472.
lativitta 377, 792, 961.
lativittata, 1292.
latreilii 247
laura 285
Laurion 432.
layardii 491.
Lebeda 1457.
Lebeda 1491, 1495, 1499, 1506, 1508.
leithiana 968.
Lenodora 1440.
Lenyra 204.
leopardina 802.
lepcha 248, 1025.
lepida 1286.
leptalina 447.
Leptojana 1430
Leptosoma 472.
leto 1532.
Letois 1292.
Leucoma 945, 1088.
leucomelas 442.
leuconota 1591.
Leucopsumis 441.
leucosoma 263.
leucospilota 467, 557.
libera 249.
lichenigera 767.
lidderdalii 354, 1461.
ligneus 1599.
ligniferata 1526.
lignosa 1510.
lilacina 578, 890.
Limacodes 941, 1280, 1284, 1286, 1291.
Limacodes 1282.
LIMACODIDÆ 1265.
limbata 647, 915.
lindia 1549.
lineata 1023, 1430, 1462.
lineata 1022.
lineolata 1135.
lineosa 1366, 1418.
linga 702.
LIPARIDÆ 866.
Liparis 957, 958, 994.
Lithosia 555, 556, 565, 569, 570, 576, 577, 580, 582, 583, 591, 592, 594, 595, 597, 598, 602, 612, 613, 614, 615, 620, 624, 626, 623, 635, 641, 656, 818.
Lithosia 617.
LITHOSIIDÆ 512.
LITHOSIINÆ 554.
lithosioides 1216.
litura 880.
liturata 1127.
Locharna 1065.
locuples 1330.
Loepa 1554.
lola 1569.
longipennis 339, 342, 803, 1179.
longivitta 1186.
lonomia 1251.
Lophopteryx 1161.
lotrix 738.
lucia 1393.
lucina 250.
lugubris 1097.
luna 1534.
lunata 946, 1010.
lunata 1014.
lunula 1541.
lusca 1463.
lutescens 947.
Lyclene 675.
Lyclene 639, 641, 649, 706.
lydia 643.
Lymantria 883, 1022, 1023, 1024, 1026, 1029, 1030.
Lymantria 999.

M

mackwoodii 487.
Macrobrochis 582, 594, 602, 628, 656.
macrobrochis 554.

Macrocilix 1258.
mactans 703.
maculata 355, 361, 564, 900, 1171.
maculatrix 324.
maculifascia 711.
maculosa 464.
maculosa 1008.
madana 948.
mænas 1533.
magnifica 378, 569.
mahananda 1454.
Mahanta 1478.
Mahavira 571.
Mahasena 496.
Mahoba 1057.
major 483.
malabaricus 1619.
Manatha 493.
manulea 585.
marchalii 551.
marcidus 1607.
Mardara 997.
margaritacea 724.
margaritaria 725.
marginalis 929.
marginata 721, 819, 969, 1003, 1264.
marmorata 365.
marmorea 515, 1214.
maruta 984.
masoni 251.
matherana 777.
mathura 1026.
Megasoma 1500.
melanophila 945.
melanopsis 811.
melanthus 764.
melas 252.
Melittia 195.
membliaria 513.
Menapia 1187.
Menapia 1512.
mendosa 1037.
Messata 1426.
metallica 432.
metamelana 949.
Metanastria 1439, 1457.
metaphæa 1146.
metarhoda 1008.
Metisa 494.
mezankooria 1563.
micans 1011.
Micra 502.
Microsemyra 865.
midama 401.
Migoplastis 546.
miles 434.
Milleria 410, 415, 425, 432, 433.
Milleria 435.
Miltochrista 686, 695, 703.
Miltochrista 632.
mineus 1592.
minor 486, 498, 1439, 1601.
minuticornis 1220.
miranda 1555.
Miresa 1294, 1443.
Miresa 1305.
Mithuna 599.
modesta 1437.
mœrens 985.
mollifera 1394.
mollis 1314, 1395.
Moma 1213.
mona 757.
Monema 1324.
montana 253, 783.
monycha 521.
moolaica 468.
moorei 271, 362, 820, 1111, 1141.
mopsa 478.
mopsa 779.
mori 1098.
Morpheus 1586.
Multifenestrata 1354.
multigutta 268.
multiguttatus 825.
multistrigata 1593.
multivittata 768.
munda 1012.
murina 1357.
murinus 1608.
Murlida 1417.
musa 274.
muscularia 1254.
Mustilia 1481.
mutans 1396.
mylitta 1564.
mysticata 1258.

N

Nadata 1189.
Nagunda 1047.
nanda 1464.
nandina 1499.
Naprepa 1091, 1092, 1093.
nararia 1287.
narcissus 559.
Narosa 1318.
Natada 1272
naudina 1499.
Neæra 1281, 1282, 1286, 1289, 1290.
nebulosa 533, 552, 652, 1565.
nelcinna 457.
Neochera 514.
Neomiresa 1316.
Neoris 1551.
nepalensis 1609.
nepcha 200.
Nepita 642.
nerice 1180.
nervosa 996.
Netria 1215.
newara 201, 254, 1575.
nietneri 363, 490.

Niganda 1149.
nigra 1594.
nigrescens 300, 422, 427, 558.
nigricans 793, 1397.
nigrifrons 583, 862.
nigripars 592.
nigripennis 325.
nigritula 986
nigrovenosa 465.
Nikaea 342.
nilgira 398.
nilgirica 1398.
Nioda 1036.
nipalensis 326.
Nisaga 1437.
Nishada 609.
nivaha 1315.
nivea 576.
niveiceps 1189.
niveosparsa 987.
nivimacula 291.
nobilis 1465.
Noctua 478, 522, 528, 538, 739, 742, 779, 1097, 1225, 1286.
Nola 728.
Northia 215.
notata 746.
notata 1039.
Notioptera 278.
Notodonta 1190.
NOTODONTIDÆ 1114.
NOTODONTINÆ 1135.
nubecula 603.
nubifascia 686.
nuda 867.
Nudaria 722.
Nudaria 721.
Numenes 962.
Nyaca 856.
Nyctemera 460.
Nyctemera 469, 471, 472, 473.
nyctemerata 804.
NYCTEMERIDÆ 460.
NYCTEOLIDÆ 499.
nydia 840.
Nygmia 941.
Nyssia 1316.
Nyssia 1284, 1305.

O

obfuscata 1013.
obliquiplaga 1172.
obliquivitta 841.
oblitterans 597.
obscurus 1540.
obsolescens 1120.
obsoleta 687, 1014.
obtusa 1247.
ocellata 1263, 1324.
ocellifera 780.
ochracea 648, 881, 1147, 1297.
ochrea 1252.
ochripes 1072.
ochripicta 1399.
ochsenheimeri 255.
Ocinara 1108.
octopunctata 379.
ocularis 868.
Odagra 1061.
Odonestis 1491.
Oenistis 570.
Oenistis 614, 627.
oenone 256.
Oiketicus 489, 490, 492, 495.
olearia 1038.
Olene 1035.
Oligoclona 994, 996.
olivascena 448.
ommatoporaria 1263.
ophideroides 1221.
opponens 1116, 1466.
Oraesia 1224.
orbicularis 512.
Oreta 1246.
Orgyia 872.
Orgyia 882.
orientalis 286, 327, 751, 812.
ornata 1394.
orthograpta 1222.
Orvasca 925.
Orygia 868.
Oxicesta 1214.

P

Pachenome 1029.
pachyjana 1409.
Pachyphilona 546.
Pachythiris 210.
Padenia 641.
Paidia 721.
Palirisa 1365.
Pallene 641.
pallens 593, 667.
pallida 572, 605, 719, 865, 891, 1180, 1239, 1303, 1345, 1350, 1362, 1530.
pallida 1456.
pallidum 1504.
palmata 688.
palpalis 1266.
palpigera 1266.
paluta 1359.
Panassa 715.
Pandala 1338.
pandya 1358.
Pangora 775.
pannosa 794, 1217.
panthona 423.
paphia 1564.
paphos 522.
Papilio 367, 369.
papilionaria 399.
papilionaris 419

Paraona 567.
Parasa 1295.
Parasa 1280.
Paravetta 1158.
pardalina 747.
Pardicolor 1595.
parivala 1518.
partita 962.
partita 502.
parva 579.
parvula 420, 752.
pascua 640.
passalis 257.
pastoralis 1288.
Patana 1076.
patrana 963, 1240.
patula 1359.
paucipunctata 1590.
pauperatus 1610.
pavica 1248.
pectinicornis 411.
pectoralis 258.
Pegella 1022.
Penora 1066.
Pentacitrotus 733.
penthica 1097.
perdica 350.
perdix 988.
peregrina 668.
Pericallia 860.
Peridrome 512.
Perina 866.
permutata 1400.
Pernyi 1564.
perornata 669, 755.
perrottetii 1566.
persecta 523.
persimilis 1401.
perspicua 1354.
peshwa 328.
petosiris 1402.
Phacusa 303.
Phægorista 338.
Phægorista 343.
Phalæna 348, 350, 402, 419, 423, 441, 461, 462, 463, 466, 478, 513, 514, 519, 521, 525, 528, 532, 559, 570, 635, 670, 738, 742, 743, 744, 745, 749, 764, 781, 787, 818, 941, 1010, 1024, 1098, 1286, 1385, 1402, 1457, 1497, 1534, 1535, 1537, 1564, 1586, 1592.
phalænaria 1420.
Phalanna 281.
Phalera 1513.
PHALERIDÆ 1510.
Pharetra 774.
Phassus 1615.
Phauda 284.
Pheosia 1205.
philenora 356.
Philona 540.
Philopator 360.
Philosamia 1541.
philoxenæa 357.
philoxene 357.
Phissama 761.
Phocoderma 1274.
phorcus 202.
Phragmatobia 782.
Phragmatœcia 1600.
picta 750.
pictus 476.
Pida 959.
Pidonus 444.
Pidorus 441.
Pintia 392.
Pitane 643, 644.
Pitasila 467.
placida 1332, 1467.
plagiata 805, 970.
plagiata 1458.
plagidotata 1058.
plagifera 471, 1468.
plaginota 534.
plagiviridis 1173.
plana 494, 524, 882, 971, 1346.
Plectropteron 1534.
plumipes 1431.
plumosa 1209, 1351.
plusiata 1156.
plusioides 1202.
Pœcilocampa 1509.
polydora 358.
polymena 287.
Pompostola 282, 288.
Porthesia 929.
Porthetria 1024.
Porthetria 1010.
postica 720, 875, 950, 1060, 1148, 1241, 1347.
postincisa 951.
postvitta 297.
Prabhasa 621.
Pramila 190.
prasana 1125.
prasena 560.
prasina 1456.
pretiosa 412, 704.
primosticta 1107.
primularis 431, 1421.
princeps 916.
principalis 806.
procera 1519.
Procodeca 1068.
Procotes 217.
Procris 214.
producta 535.
prominens 689.
promittens 1042.
Prorodeca 889.
protuberans 608.
provocans 1226.
proxima 329.
Psalis 1090.

Pseudomesa 1031.
Pseudomesa 1030.
Pseudosesia 207.
Psichotoë 265.
Psyche 495.
PSYCHIDÆ 487.
Pterothysanus 474.
Ptilomacra 1336.
Ptilophora 1200.
puella 670.
pulchella 380, 454, 739.
pulcherrima 1160.
pulchra 330.
pulchra 739.
pullata 1529.
punctata 606, 758, 1326.
punctella 634.
punctifascia 926.
punctifascia 686.
punctilinea 653, 863.
punctistriga 821.
punica 1289.
punicea 705.
purpurescens 1620.
pusilla 917, 1015, 1596.
pustulifera 508.
pustulifera 998.
Pydna 1182.
pygmæa 917.
pylotis 748.
pyraliformis 1210.
pyretorum 1550.
pyriformis 1496.
pyrrhochroma 1033.

Q

quadrangularis 972.
quadricincta 1457.
quadricolor 302.
quadrifasciata 413, 1432.
quadrilinea 1478.
quadrimaculata 298, 629.
quadrinotata 671, 1603.
quadriplaga 599.
quadriplagiata 1031.
quadriramosa 822.
quadrisignata 604.
quatuornotatus 1603.

R

Rabila 1300.
Rachia 1209.
Radhica 1477.
radians 690.
raja 381.
rajah 210.
Rajendra 789.
Ramesa 1525.
rana 952.
Ranghana 606.
Ratarda 365.
raya 1520.
recta 1469.
rectistria 1227.
recurrens 1199.
Redoa 1048.
Redoa 1056.
regalis 807.
religiosa 1104.
remelana 565.
repanda 189, 1290, 1470.
Repena 871, 1075.
restitura 1197.
reticulata 598.
Retina 440.
retracta 1284.
retractata 1291.
Rhaphidognatha 300.
rhebus 288.
Rhodia 1575.
rhodina 1016.
Rhodogastria 764.
rhodopa 766.
Rhodope 396.
Rhodophila 1121.
rhodophila 769.
Rhyparia 850.
Ricine, 889.
ricini 780 1541.
Rigema 1090.
Rilia 1035, 1037, 1041.
Rinaca 1573.
risa 382.
Rœselia 640.
Rosama 1202.
rosea 1340.
roseata 729.
rotundata 883.
Roylei 1567.
rubescens 759.
rubida 851.
rubida 883.
rubidorsa 769.
rubiginea 1142.
rubiginosa 1431.
rubilinea 842.
rubitincta 843.
rubricosa 706.
rubricosta 788.
rubripennis 888.
rubrivitta 440.
rufescens 1273, 1578.
rufifrons 616.
rugosa 1274.
rufotessellata 1320.

S

saccharum 1602.
sadana 1242.
sagrara 1034.
Salassa 1569.

salsettensis 1621.
Samia 1537.
sangana 1521.
sangarida 478, 781.
Sangatissa 1422.
Sanguiflua 402.
sanguinalis 760.
sanguinea 1249, 1485.
sanguinolenta 818.
sargania 259.
saturatalis 1231.
saturalis 1231.
saturata 1164.
Saturnia 1545..
Saturnia 1354, 1532, 1535, 1537, 1541, 1542, 1553, 1554, 1559, 1564, 1569, 1571, 1572, 1574.
SATURNIIDÆ 1531.
saundersi, 543.
savara 771.
scalaris 1586.
Scaptesyle 363.
schœnerrhi 230.
Sciapteron 208.
scintillans 437, 924.
scolioides 206.
Scopelodes 1265.
scriptiplaga 1499.
sectinotis 331.
securis 1090.
Seirarctia 822.
selene 1534.
semicincta 1047.
semifascia 649.
semihyalina 306.
semipavonaria 1257.
semisignata 927.
semivitta 953.
Sephisa 391.
sericea 526, 1054, 1073, 1082, 1267, 1321.
sericeipennis 575.
serva 613.
servula 1497.
Sesapa 636.
Setina 649, 726.
Setina 650.
setinochroa 717.
Setora 1325.
Seudyra 338.
sexnotata 1611.
sexpunctata 449.
shadulla 1552.
shahama 383.
sherwilli 1105.
shevaroyensis 1352.
siamensis 289.
siamica 260.
Sidyma561.
signa 672.
signata 644
signata 384, 1304, 1442, 1498, 1597.
signifer 1622.
signifera 1364.
sikkima 208, 1112, 1152, 1157, 1159, 1174, 1192, 1208, 1447, 1556.
sikkimensis 809, 1132.
siletti 964.
silhetensis 332.
Silhetensis 332.
silhetica 1066, 1542.
silhetica 1535.
siliquana 500.
silvandra 525.
simareea 614.
similata 414.
similis 553, 808, 1017, 1292, 1334, 1348, 1403, 1433, 1522.
simillima 500.
simla 1571.
simplex 333, 771, 876, 1438.
simplicia 1568.
sinensis 1099.
sinuata 712, 1178, 1404, 1448.
sipahi 795.
siva 1500.
sivalica 1557.
sladeni 261.
smaragdinana 500.
sobrina 1018.
socrus 869.
solita 726.
Somena 923.
Somera 1059.
sordida 610, 713, 844, 1074.
Soritia 445.
Spalyria 1413.
sparsigutta 852.
Spatalia 1203.
spectabilis 1579.
specularia 1255.
specularis 1243.
speculatrix 509.
speiplena 502.
Sphecia 188.
Sphetta 1139.
sphingiformis 1188, 1484.
Sphingognatha 1361.
Sphinx 196, 205, 222, 227, 230, 245, 257, 282, 283, 287, 288, 290, 411, 764.
Spilarctia 769, 792, 822.
Spilarctia 827.
Spilosoma 762, 768, 769, 792, 815, 821, 822, 827, 828, 829, 831, 832, 833, 834, 835, 837, 842, 843, 844, 845, 846, 847, 848.
Spilosoma, 756.
spilosomata 770.
spilosomoides 691, 826.
splendens 567.
staudingeri 203.
Stauropus 1128.
stelligera 403.
Stenoglene 1435.

stigmata 845, 1471.
stigmatica 1598.
stigmigera 1523.
stilbioides 732.
Stilpnotia 1072.
Stilpnotia 867.
stipata 214.
stoliczkana 1553.
straminea 632.
strigata 627, 989, 1204.
strigata 815.
strigifascia 1153.
strigipennis 1065.
strigivenata 537.
strigula 1335.
strigulifera 1043.
Suana 1505.
sabapicalis 1199.
subaurata 275.
Subcaudata 280.
subcervina 727.
subcinerea 714.
subcostalis 1443.
subcurvifera 1424.
subcyanescens 425.
subdita 930, 1405.
subdives 1344.
subfascia 539, 846, 877.
subfasciata 918.
subhyalina 438.
subjecta 1070.
sublutea 385.
submarginalis 262.
submarginata 1055.
subnigra 931.
subnotata 884, 925, 1106.
subnotata 1326.
subornata 673.
subparallela 1490.
subquadrata 512.
subsimilis 526.
substrigosa 869.
substrigosa 1457.
subtilis 634.
subtilis 1118.
subtincta 867.
subvitrea 1088.
suffundens 707.
suffusa 889, 1246.
suffusa 847, 1406.
sulphurea 1449.
superans 1019.
superba 510.
Sura 209.
Susica 1301.
suttadra 753.
Sybrida 1114.
Syntomis 217, 266, 267, 268, 269, 7[illegible], 273, 275, 278, 279, 280, 292. 296, 301, 302, 303, 306.
Syntomis 218.
syntomoides 264.
syrastrina 1439.
syringa 749.
Systropha 586.

T

Tagora 1355.
Tagora 1362, 1394.
taooensis 1407.
taprobanes 307.
taprobanis 715, 1543.
Taragama 1500.
Tarika 576.
Tarsolepis 1201.
Tascia 301.
Tasema 216.
Tatargyna 750.
tavoyanus 1612.
Tegulata 607.
templetonii 492.
tenebrosa 303, 716, 990, 1089, 1524.
tentans 1225.
tenuiformis 269.
tenuisigna 611.
terminalis 584.
terminata 692, 898.
tertius 492.
tessellata 633.
tessellata 695.
tessellatus 1604.
testacea 885, 1069, 1077, 1184, 1268, 1416.
tetragona 612.
tetraonis 1605.
Teulisna 610.
textor 1100.
Thagora 511.
Thaumatopœa 1045.
thelebas 290.
thelebe 290.
Themaca 901.
Theophila 1101.
Thiacidas 1060.
thibeta 1572.
thibetica 754.
thoracica 304, 1278.
Thosea 1275.
thwaitesii 488, 991, 1113.
Thygorina 768.
Thymara 458.
Thymistada 1234.
Thyrassia 280.
Thyris 205.
thyter 740.
tigrina 850.
tinctifera 954.
Tinea 634, 739.
Tinolius 773.
Tinthia 191.
todara 848, 1020, 1408.
Torona 1115.
torrida 1450.

Tortrix 500.
tortuosa 516.
Tospitis 710, 736.
tosta 1527.
Trabala 1189.
Trabala 1452.
transiens 340, 762.
translata 1434.
transversa 641, 853, 995, 1122.
transversata 1298.
Trianura 275.
Trianura 271.
Trichia 1080.
Trichiura 1480.
tricincta 194.
tricolor 364, 386, 428, 785.
trifascia 1457.
trifasciata 919.
trifenestrata 1354.
triguttata 674.
trilituratа 387.
Trilocha 1091.
Trilochana 206.
trilochoides 1329.
trimacula 388.
tripartita 347, 708, 796, 1299.
tripunctaria 466.
tripunctata 1234.
Tripura 560.
triseriata 1425.
tristis 1435.
tristrigosa 503.
Trisula 998.
Trisula 1331.
Trisuloides 1081.
trivittata 709.
Trichilium 195, 197, 202, 204.
Tropæa 1532, 1533, 1534.
truncata 1119.
Trypanophora 305.
Trypheromera 471.
Turnaca 1511.
Tyana 504.
tyrianthina 334.

U

umbrina 1027.
umbrinus 1613.
undata 1410.
undans 1409, 1472.
undifera 1410.
undulifera 1451, 1623.
undulosa 639, 1360, 1509.
unicolor 1268, 1293.
unifascia 772, 1277.
uniformis 849, 973.
unimacula 920.
ursina 1269.
usta 1256.
utetheisa 739.

V

vacillans 763.
vagabunda 1228.
vagesa 594.
Vamuna 563.
varana 577.
varia 861, 974, 992, 1455.
varians 469, 921, 1093.
variegata 955, 1175, 1331, 1411, 1473.
variolosa 470.
varipes 1121.
varunæa 359.
vatama 1250.
velutina 1274.
venalba 527.
venaria 419.
venosa 341, 105, 439, 622, 864, 892, 922, 928, 1067, 1270.
venosata 996.
venulia 348.
venus 730.
venusta 424.
venustum 1500.
vespoides 394.
vesta 1544.
vestita 1279.
vetula 324, 335,
vialis 1436.
victrix 336.
vilis 956, 1614.
vinacea 1021, 1244.
vinaceus 1133.
vinata 1474.
vinosa 1412.
vira 1245.
virescens 389, 1079. 1134.
virginalis 425.
virguncula 932.
viridata 628.
viridescens 878, 1215.
viridicans 1592.
viridifusca 1059.
vishnu 1456.
vitellina 957.
Vithora 344.
vitrea 270.
vittata 797, 1444.
vittipalpis 1251.
vulcania 337.
vulneratus 733.
vulpina 1271, 1475.

W

wallichii 1579.
whitei 1580.

Xanthestes 745.
xanthochlora 1229.

xanthophila 1187.
xanthorrhœa 958.
xerampelina 870.

Z

Zadadra 620.
zaida 459.
Zana 1510.
Zaranga 1217.
zebraica 299.
zebrina 693.
zehma 415.
zelica 443.
zenotea 444.
Zenzera 1585, 1588, 1589, 1590, 1591, 1593, 1594, 1595, 1596, 1598.
Zeuzera 1584.
Zonosoma 473.
zuleika 1354.
zuleika 416, 1574.
Zygæna 211, 227, 230, 233, 257, 287, 396, 411, 441.
ZYGÆNIDÆ 211.

Government of India Central Printing Office.—No. 10 I. M.—11-11-87.—400.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. III.—NOCTUES, PSEUDO-DELTOIDES, AND DELTOIDES.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1888.

Presented

by

The Trustees

of

The Indian Museum.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. III.—NOCTUES, PSEUDO-DELTOIDES, AND DELTOIDES.

18564

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1888.

References marked with an Asterisk (*) have not been verified by the compilers.

Group NOCTUES.

Family CYMATOPHORIDÆ.

Genus **Thyatira.**

1624. Thyatira batis.

Phalæna (*Noctua*) *batis*, Linn., Syst. Nat. Tom. i, pt. v, p. 2546, No. 97.
——————————— Faun. Suec., p. 308, No. 1158, (1761).
Noctua batis, Fabr., Sp. Ins. ii, p. 216, No. 42, (1781).
——————————— Mant. Ins. ii, p. 141, No. 56, (1787).
——————————— Ent. Syst. iii, 2, p. 30, No. 73, (1794).
——————————— Esper., Schmett iv, pl. 86, figs. 6-8; and pl. 103, figs. 7-9.*
——————————— Bork., Eur. Schmett iv, 159, 65.*
——————————— Hübn., Eur. Schmett. Noct. 4, pl. 62, (1806—18).
Strophia batis, Treit., Schmett Eur. 2, 162, 1.*
Thyatira batis, Hübn., Verz. Bek. Schmett, p. 236, No. 2355, (1816).
——————— Dup., Hist. Nat. Lep. France, vii, p. 46, pl. 103, fig. 3.*
——————— Curtis, Brit. Ent. ii, pl. 12.*
——————— Steph., Ill. Brit. Ent. Haust. iii, 48, 2.*
——————— Boisd., Ind. Meth., p. 130, No. 1041, (1840).
——————— Herrich Schäffer, Eur. Schmett. ii, 170, 9.*
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 45.

I. M., Kulu (Young), Sikkim (purchased).
Collection Swinhoe, Simla.
Also recorded from Europe.

1625. Thyatira decorata.

Thyatira decorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 328, pl. 37, fig. 1.
——————————— Descr. Ind. Lep. Atk. ii, p. 89, (1882).

Darjiling.

Genus **Saronaga.**

1626. Saronaga albicosta.

Thyatira albicosta, Moore, Proc. Zool. Soc. Lond. 1867, p. 45.
Saronaga albicosta, Moore, Proc. Zool. Soc. Lond. 1881, p. 330.

Darjiling.

Genus **Gaurena.**

1627. Gaurena florens.

Gaurena florens, Walker, Cat. Lep. Het. B. M. xxxii, p. 620, (1865); and xxxv, p. 1953, (1866).
——————————— Moore, Proc. Zool. Soc. Lond. 1867, p. 47.
Thyatira florens, Butler, Ill. Typ. Lep. Het., pt. vi, p. 31, pl. 109, fig. 4, (1886).

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1628. Gaurena florescens.

Gaurena florescens, Walker, Cat. Lep. Het. B. M. xxxii, p. 620, (1865) and 1953, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 47.
Thyatira florescens, Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 32, pl. 109, fig. 5, (1886).

I. M., Sikkim.

Genus **Habrosyne.**

1629. Habrosyne armata.

Habrosyne armata, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).
Khasi Hills.

1630. Habrosyne indica.

Gonophora indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 44.
——————— Waterhouse, Aid. i, pl. 9, (1880-82).

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1631. Habrosyne plagiosa.

Habrosyne plagiosa, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).
Collection Swinhoe, Darjiling.

1632. Habrosyne sanguinea.

Habrosyne sanguinea, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).
Darjiling.

Genus **Risoba.**

1633. Risoba basalis.

Risoba basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 91, (1882).
Cherrapunji, Sikkim.

1634. Risoba confluens.

Risoba confluens, Moore, Descr. Lep. Atk. ii, p. 92, (1882).
Darjiling.

1635. Risoba diversipennis.

Heliothis diversipennis, Walker, Cat. Lep. Het. B. M. xv, p. 1750, (1858).
Risoba diversipennis, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.
Malacca, Singapore, North India.

1636. Risoba literata.

Risoba literata, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.
Nilgiri Hills.

1637. Risoba obstructa.

Bolina obstructa, Walker, MS.
Risoba obstructa, Moore, Proc. Zool. Soc. Lond. 1881, p. 328.
——————— Lep. Ceyl. iii, p. 2, pl. 144, figs. 2, 2*a*, 2*b*, (1884).
———————Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

Collection Swinhoe, Mhow.
Also recorded from Calcutta and Ceylon.

1638. Risoba prominens.

Risoba prominens, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.
Khasi Hills, Malacca.

1639. Risoba repugnans.

Thyatira repugnans, Walker, Cat. Lep. Het. B. M. ix, p. 9, (1856).
Risoba repugnans, Moore, Proc. Zool. Soc. Lond. 1881, p. 328.
——————— Lep. Ceyl., vol. iii, p. 1, pl. 144, fig. 1, (1884).

Collection Swinhoe, Ceylon.
Also recorded from North India.

1640. Risoba vialis.

Risoba vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 91, pl. 4, fig. 1, (1882).
Darjiling.

Genus **Kerala.**

1641. Kerala multipunctata.

Kerala multipunctata, Moore, Descr. Ind. Lep. Atk. ii, p. 93, pl. 4 fig., (1882).
Darjiling.

1642. Kerala punctilineata.

Kerala punctilineata, Moore, Proc. Zool. Soc. Lond. 1881, p. 330.
——————— Descr. Ind. Lep. Atk. ii, p. 92, (1882).

Darjiling.
Collection Swinhoe, Sikkim.

Genus **Palimpsestis.**

1643. Palimpsestis alternata.

Palimpsestis alternata, Moore, Proc. Zool. Soc. Lond. 1881, p. 331, pl. 37, fig. 2.
——————— Descr. Ind. Lep. Atk. ii, p. 93, (1882).

Darjiling.
Allied to *P. ocularis* of Europe.

1644. Palimpsestis cuprina.

Palimpsestis cuprina, Moore, Proc. Zool. Soc. Lond. 1881, p. 331, pl. 37, fig. 3.
——————— Descr. Ind. Lep. Atk. ii, p. 93, (1882).

Darjiling.

Genus **Pitrasa.**

1645. PITRASA VARIEGATA.

Pitrasa variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 94, pl. 4, fig. 2, (1882).

Darjiling.

1646. PITRASA VITELLINA.

Pitrasa vitellina, Moore, Descr. Ind. Lep. Atk. ii, p. 94, pl. 4, fig. 3, (1882).

Darjiling.

Genus **Tycracona.**

1647. TYCRACONA OBLIQUA.

Tycracona obliqua Moore, Descr. Ind. Lep. Atk. ii, p. 95, (1882).

Cherrapunji, Darjiling.

1648. TYCRACONA TRANSVERSA.

Tycracona transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 95, pl. 4, fig. 5, (1882).

Darjiling.

Genus **Sydiva.**

1649. SYDIVA NIGROGRISEA.

Sydiva nigrogrisea, Moore, Descr. Ind. Lep. Atk. ii, p. 96, (1882).

Darjiling.

Genus **Osica.**

1650. OSICA UNDULATA.

Osica undulata, Moore, Proc. Zool. Soc. London, 1867, p. 45.

Bengal.

Genus **Lazanda.**

1651. LAZANDA FASCIATA.

Lazanda fasciata, Walker, Cat. Lep. Het. B. M. xxxii, p. 605, (1865).

India.

FAMILY LEUCANIIDÆ.

Genus **Auchmis.**

1652. AUCHMIS SIKKIMENSIS.

Auchmis sikkimensis, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig 15.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).
——————— Waterhouse, Aid. i, pl. 10, (1880-82).

I. M., Kulu (Young), Sikkim, Khasi Hills, Ootacamund (Davison).

Collection Swinhoe, Kasauli, Nilgiri Hills, Thundiani (Punjab).

Genus **Sesamia.**

1653. SESAMIA FRATERNA.

Sesamia fraterna, Moore, Descr. Ind. Lep. Atk. ii, p. 103, (1882).
Allied to *S. proscripta* and *S. inferens*.
Dharmsala.

1654. SESAMIA INFERENS.

Leucania inferens, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).
——— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.
Sesamia inferens, Moore, Lep. Ceyl. iii, p. 8, pl. 145, fig. 3, (1881).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447; and 1886, p. 441.
Collection Swinhoe, Bombay, Hydrabad (Sind).
Also recorded from Ceylon and Mhow.

1655. SESAMIA PROSCRIPTA.

Leucania proscripta, Walker, Cat. Lep. Het., ix, p. 106, (1856).
——— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).
East Indies, Upper Burma.

Genus **Leucania.**

1656. LEUCANIA ABDOMINALIS.

Leucania abdominalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 338.
Collection Swinhoe, Dharmsala, and Khandalla.
Also recorded from Bengal.

1657. LEUCANIA ADUSTA.

Leucania adusta, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.
——— Descr. Ind. Lep. Atk. ii, p. 99, (1882).
Manpuri, Darjiling, Khasi Hills.

1658. LEUCANIA ALBICOSTA.

Leucania albicosta, Moore, Proc. Zool. Soc. Lond. 1881, p. 338, pl. 37, fig. 10.
——— Descr. Ind. Lep. Atk. ii, p. 102, (1882).
Darjiling.
Allied to *L. dharma*.

1659. LEUCANIA ALBISTIGMA.

Leucania albistigma, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 9.
——— Descr. Ind. Lep. Atk. ii, p. 101, (1882).
Darjiling.

1660. Leucania bistrigata.

Leucania bistrigata, Moore, Proc. Zool. Soc. Lond. 1881, p. 334, pl. 37, fig. 18.
——————— Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Darjiling.
Allied to *L. decisissima*.

1661. Leucania byssina.

Leucania byssina, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442, pl. 40, fig. 6.
Collection Swinhoe, Mhow.

1662. Leucania canaraica.

Leucania canaraica, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.
Canara.

1663. Leucania collecta.

Leucania collecta, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 379.
——————— Ann. Mag. N. H. (5), xviii, p. 189, (1886).

Punjab, Campbellpore, Upper Burma.

1664. Leucania compta.

Leucania compta, Moore, Proc. Zool. Soc. Lond. 1881, p. 336, pl. 37, fig. 8.
——————— Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Pudda river.

1665. Leucania consimilis.

Leucania consimilis, Moore, Proc. Zool. Soc. Lond. 1881, p. 336, pl. 37, fig. 19.
——————— Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Collection Swinhoe, Solun.
Also recorded from Sikkim.
Allied to *L. decisissima*.

1666. Leucania costalis.

Leucania costalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 603, pl. 59, fig. 11.
Andaman Is., Malabar, Sikkim.

1667. Leucania decisissima.

Leucania decisissima, Walker, Cat. Lep. Het. B. M. xxxii, p. 624, (1865).
Leucania decissima (sic) Moore, Proc. Zool. Soc. Lond. 1867, p. 48.
——————— Lep. Ceyl. iii, p. 10, (1884).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 32, pl. 109, fig. 6, (1886).
Leucania nareda, Felder & R. Reise, Nov. Lep., pl. 109, fig. 9, (1864-75).

I. M., Sibsagar (Peal), Sikkim, Andaman Is. (De Roepstorff).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet and Ceylon.

1668. Leucania denotata.

Leucania denotata, Walker, Cat. Lep. Het., ix, p. 107, (1856).

North India.

1669. Leucania designata.

Leucania designata, Walker, Cat. Lep. Het., ix, p. 107, (1856); and xxxii, p. 623, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 48.

Canara.

1670. Leucania dharma.

Leucania dharma, Moore, Proc. Zool. Soc. Lond. 1881, p. 338, pl. 37, fig. 17.
———————— Descr. Ind. Lep. Atk. ii, p. 101, (1882).

Darjiling.

1671. Leucania exempta.

Leucania exempta, Walker, Cat. Lep. Het. B. M., xi, p. 710, (1857).
———————— Moore, Lep. Ceyl. iii, p. 11, (1884).

Ceylon.

1672. Leucania exsanguis.

Leucania exsanguis, Guén, Noct. i, p. 83.*
———————— Walker, Cat. Lep. Het. B. M. ix, p. 104, (1856).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 47.

I. M., Kulu (Young).
Collection Swinhoe, Simla.
Also recorded from Sylhet and Java.

1673. Leucania exterior.

Leucania exterior, Walker, Cat. Lep. Het. B. M. ix, p. 106, (1856); and xi, p. 710, (1857).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 48.

Punjab, West Indian Islands.

1674. Leucania extranea.

Leucania extranea, Guén. Noct. i, 77, No. 104.*
———————— Walker, Cat. Lep. Het. B. M., ix, p. 93, (1856); and xi, p. 710, (1857).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 447.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447; and 1886, p. 441.
———————— Butler, Proc. Zool. Soc. London, 1886, p. 379.
Leucania separata, Walker, Cat. Lep. Het. B. M. xxxii, p. 626, (1865).
———————— Moore, Lep. Ceyl. iii, p. 9, (1884).

I. M., Khasi Hills, Sibsagar, Kulu (Young), Shillong.
Collection Swinhoe, Kasauli, Sikkim, Simla, Mhow, Poona, Bombay.
Also recorded from America, New Zealand, Australia, China, and all parts of India.

1675. Leucania griseofasciata.

Leucania griseofasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

Dalhousie.

1676. Leucania hamifera.

Leucania hamifera, Walker, Journ. Linn. Soc. vi. p. 179, (1862).
——————— Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 33, pl. 109, fig. 7, (1886).
Leucania exsanguis, var. (?), Walker (*nec* Guén.), Cat. Lep. Het. B. M. ix, p. 104, (1856).

North India, Sarawak, Borneo.

1677. Leucania howra.

Leucania howra, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 16.
——————— Descr. Ind. Lep. Akt. ii, p. 101, (1882).

Calcutta.

1678. Leucania lanceata.

Leucania lanceata, Moore, Proc. Zool. Soc. Lond. 1881, p. 340.
——————— Lep. Ceyl. iii, p. 10, pl. 145, fig. 5, (1884).

Ceylon.
Allied to *L. decisissima*.

1679. Leucania lineatipes.

Leucania lineatipes, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.

Cherrapunji.
Allied to *L. impura* of Europe.

1680. Leucania loreyi.

Leucania loreyi, Dup., Hist. Nat. Lep. Fr. iv, p. 81, pl. 105, fig. 7, (1827).*
——————— Frey, Neu Beitr Schmett iv, pl. 413.*
——————— Boisd., Ind. Meth. 133, 1060.
——————— Guén., Ann. Soc. Ent. Fr. vi, p. 341, (1837).*
——————— Noct. i, 84, 121.*
——————— Herr Schäff., Eur. Schmett. ii, 233, 155*.
——————— Noct. ii, pl. 61, fig. 309, and pl. 62, fig. 314.*
——————— Walker, Cat. Lep. Het. B. M. ix, p. 84, (1856).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
——————— Ann. Mag. N. H. (5), 9, p. 210, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516, and 1885, p. 447.
——————— Trans. Ent. Soc. Lond. 1885, p. 347.

I. M., Solun (Swinhoe), Kulu (Young), Karachi (Swinhoe).
Collection Swinhoe, Solun, Karachi, Somara, Sikkim, Quetta, Poona, Bombay.
Also recorded from Europe.

1681. Leucania modesta.

Leucania modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 335, pl. 37, fig. 11.
——————— Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Darjiling.

1682. Leucania nainica.

Leucania nainica, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 15.
——————— Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Naini Tal.

1683. Leucania nigrilineosa.

Leucania nigrilineosa, Moore, Descr. Ind. Lep. Atk. ii, p. 103, (1882).

Khasi Hills.

1684. Leucania penicillata.

Leucania penicillata, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

I. M., Kulu (Young), Darbhanga (Maries).
Collection Swinhoe, Solun, Nilgiri Hills.
Allied to *L. bistrigata*.

1685. Leucania percisa.

Leucania percisa, Moore, MS.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Solun.

1686. Leucania polemusa.

Leucania polemusa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447, pl. 27, fig. 1.

I. M., Khandalla (Swinhoe).
Collection Swinhoe, Poona, Bombay, Khandalla.
Allied to *L. decisissima*.

1687. Leucania prisca.

Leucania prisca, Walker, Cat. Lep. Het. xxxv, p. 1953, (1866).
——————— Moore, Lep. Ceyl. iii, p. 10, (1884).

Ceylon.

1688. Leucania prominens.

Leucania prominens, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

Darjiling, Cherrapunji.

1689. Leucania pulcherrima.

Leucania pulcherrima, Moore, Proc. Zool. Soc. Lond. 1867, p. 48, pl. 6, fig. 7.
——————— Walker, Cat. Lep. Het. xxxv, p. 1953, (1866).

Collection Swinhoe, Sikkim.

1690. Leucania rufescens.

Leucania rufescens, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882).

Darjiling.

1691. Leucania rufistrigosa.

Leucania rufistrigosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 337.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Umballa.
Allied to *L. dharma*.

1692. Leucania sejuncta.

Leucania sejuncta, Walker, Cat. Lep. Het. B. M., ix, p. 109, (1856).

India.

1693. Leucania sinuosa.

Leucania sinuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882).

Darjiling.

1694. Leucania subsignata.

Leucania subsignata, Moore, Proc. Zool. Soc. Lond. 1881, p. 336.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.

I. M., Kulu, (Young).
Collection Swinhoe, Bombay, Solun.

1695. Leucania tangala.

Leucania tangala, Felder & R. Reise, Novara, pl. 109, fig. 12, (1864-75).
——————— Moore, Lep. Ceyl. iii, p. 11, (1884).

I. M., Ceylon (Colombo Museum).

1696. Leucania thoracica.

Leucania thoracica, Walker, Cat. Lep. Het. B. M., ix, p. 106, (1856), and xxxii, p. 623, (1865).

Deccan.

1697. Leucania uniformis.

Leucania uniformis, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

N.-W. Himalayas.

1698. Leucania venalba.

Leucania venalba, Moore, Proc. Zool. Soc. Lond. 1867, p. 48.
Bengal.

Genus **Arcilasisa.**

1699. Arcilasisa sobria.

Arcilasisa sobria, Walker, Cat. Lep. Het. xxxii, p. 470, (1865).
I. M., Kulu (Young), Sikkim.
Collection Swinhoe, Sikkim.
Also recorded from South India.

Genus **Borolia.**

1700. Borolia fasciata.

Borolia fasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 334, pl. 37, fig. 12.
——————— Descr. Ind. Lep. Atk. ii, p. 98, (1882).
Sikkim.

1701. Borolia furcifera.

Borolia furcifera, Moore, Descr. Ind. Lep. Atk. ii, p. 98, pl. 4, fig. 16, (1882).
Darjiling.

Genus **Aletia.**

1702. Aletia albicosta.

Aletia albicosta, Moore, Descr. Ind. Lep. Atk. ii, p. 97, (1882).
Darjiling, Gurhwal, Dharmsala.
Allied to *A. lithargyria* of Europe.

1703. Aletia angulifera.

Aletia angulifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 333.
——————— Descr. Ind. Lep. Atk. ii, p. 96, (1882).
N.-W. Himalayas, Cashmir, Sind.
Allied to *A. conigera* of Europe.

1704. Aletia cervina.

Mythimna cervina, Moore, Proc. Zool. Soc. Lond. 1867, p. 47, pl. 6, fig. 18.
Bengal.

1705. Aletia distincta.

Aletia distincta, Moore, Proc. Zool. Soc. Lond. 1881, p. 333, pl. 37, fig. 4.
——————— Descr. Ind. Lep. Atk. ii, p. 97, (1882).
Darjiling.
Allied to *A. vitellina* of Europe.

1706. Aletia obscura.

Aletia obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 97, (1882).

Darjiling.
Allied to *A. lithargyria* of Europe.

1707. Aletia reversa.

Aletia reversa, Moore, Lep. Ceyl. iii, p. 6, pl. 144, fig. 5, (1884).

Ceylon.

1708. Aletia rudis.

Aletia rudis, Moore, MS.
——— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Solun.

Genus **Arsilonche.**

1709. Arsilonche confusa.

Leucania confusa, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 48.
Arsilonche confusa, Moore, Lep. Ceyl. iii, p. 9, pl. 145, fig. 4, (1884).

Ceylon.

1710. Arsilonche conspersa.

Simyra conspersa, Moore, Proc. Zool. Soc. Lond. 1881, p. 340.
——— Ind. Lep. Atk. ii, p. 103, (1882).

Manpuri, Calcutta.
Allied to *A. confusa*.

Genus **Axylia.**

1711. Axylia albivena.

Axylia albivena, Moore, Proc. Zool. Soc. Lond. 1881, p. 342.

Collection Swinhoe, Solun.

1712. Axylia fasciata.

Axylia fasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.
——— Lep. Ceyl. iii, p. 7, pl. 144, fig. 6, (1884).

Punjab, Ceylon.

1713. Axylia furtiva.

Axylia furtiva, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448 ; and 1886, p. 442.

Collection Swinhoe, Poona, Mhow.

1714. Axylia irrorata.

Axylia irrorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.

N.-W. Himalayas.

1715. Axylia renalis.

Axylia renalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.
——————— Descr., Ind. Lep. Atk. ii, p. 103, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.

Collection Swinhoe, Solun, Poona, Khandalla.
Also recorded frnm Sind and Cashmir.
Allied to *A. putris* of Europe.

Genus **Tympanistes.**

1716. Tympanistes pallida.

Tympanistes pallida, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig. 1.

I. M., a specimen with no history.
Collection Swinhoe, Dharmsala.
Also recorded from Sikkim.

1717. Tympanistes testacea.

Tympanistes testacea, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig. 2.

Darjiling.

Genus **Senta.**

1718. Senta cramboides.

Senta cramboides, Moore, Lep. Ceyl. iii, p. 12, pl. 145, fig. 6, (1884).

Ceylon.

Genus **Discordia.**

1719. Discordia evulsa.

Discordia evulsa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448, pl. 27, fig. 2.

Poona.
Type is in British Museum.

Genus **Crambopsis.**

1720. Crambopsis excludens.

Crambopsis excludens, Walker, Cat. Lep. Het. B. M. xxxii, p. 634, (1865).
——————— Moore, Lep. Ceyl. iii, p. 12, (1884).

Ceylon.

Genus **Nonagria.**

1721. Nonagria (?) irregularis.

Nonagria irregularis, Walker, Cat. Lep. Het. B. M., xi, p. 712, (1857).

India.

Family HELIOTHIDÆ.

Genus **Dorika.**

1722. Dorika aureola.

Leucania aureola, Walker, Cat. Lep. Het. B. M., ix, p. 108, (1856).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.
Dorika aureola, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.

I. M., Mhow (Swinhoe).
Collection Swinhoe, Mhow, Bombay.
Also recorded from Canara.

1723. Dorika sanguinolenta.

Dorika sanguinolenta, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.

Bombay.

Genus **Raghuva.**

1724. Raghuva confertissima.

Leucania confertissima, Walker, Cat. Lep. Het. B. M., xxxii, p. 625, (1865).
Raghuva confertissima, Moore, Proc. Zool. Soc. Lond. 1881, p. 362.

S. India.

Genus **Pradatta.**

1725. Pradatta artaxoïdes.

Pradatta artaxoïdes, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.

N.-W. Himalayas, Cashmir.
Collection Swinhoe, Kulu.

1726. Pradatta beatrix.

Pradatta beatrix, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.
——————— Descr. Ind. Lep. Atk. ii, p. 138, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442, pl. 41, fig. 5.

Collection Swinhoe, Mhow.
Also recorded from Canara, Dharmsala, Cashmir.

1727. Pradatta bivittata.

Leucania bivittata, Walker, Cat. Lep. Het. B. M., ix, 3, p. 108, (1856).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.
Pradatta bivittata, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.
Pradatta bivitta (sic), Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442.

Collection Swinhoe, Mhow, Bombay, Khandalla.
Also recorded from South India.

1728. PRADATTA DECORATA.

Pradatta decorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.
——————— Descr. Ind. Lep. Atk. ii, p. 139, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.

Collection Swinhoe, Poona.
Also recorded from Allahabad, Manpuri, Sind, Cashmir.

1729. PRADATTA MODESTA.

Pradatta modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.
Manpuri.

Genus **Heliothis.**

1730. HELIOTHIS ARMIGERA.

Noctua armigera, Hübn., Noct. ii, p. 180, pl. 79, fig. 370, (1804)*.
——————— Dup., Lep. de France, vii, p. 310, pl. 119, figs. 5, 6*.
Heliothis armigera, Treit., Schmett von Eur. viii, pl. 230, 6*.
——————— Guén., Noct. ii, p. 181, 933*.
——————— Walker, Cat. Lep. Het., xi, p. 683, (1857)*.
——————— Dietrich, Mittheil, Schw. Ent. Ges. 1864, p. 258.
——————— Moore, Proc. Zool. Soc. Lond.1867, p. 60.
——————— Butler, Ann. Mag. N. H. (5), ix, p. 210, (1882).
——————— Proc. Zool. Soc. Lond., 1883, p. 161.
——————— Moore, Lep. Ceyl. iii, p. 51, pl.150, figs. 1, 1*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p. 448; and 1886, p. 442.
——————— Trans. Ent. Soc. Lond. 1885, p. 347.
Heliothisa armigera, Meig ,Syst. Besch. iii, 234, 22, pl. 120, fig. 15*.
Heliothis armiger (sic), Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 410.

I. M., Sibsagar (Peal), Karachi (Swinhoe and Murray), Hujipore, (where it attacks poppy boll), Quetta (Swinhoe), Kulu (Young), Sikkim, Chitral (Giles).
Collection Swinhoe, Candahar, Quetta, Karachi, Mhow, Deesa, Bombay, Solun.
Also recorded from Europe, Africa, America (where it attacks cotton boll), Jamaica, New Zealand, Ceylon.

1731. HELIOTHIS DIPSACEA.

Phalæna (*Noctua*) *dipsacea*, Linn., Syst. Nat. (1), 2, p. 856, No. 185, (1767).
Noctua dipsacea, Wien, Verz. 89, 3*.
——————— Fabr., Sp. Ins. ii, p. 217, No. 45 (1781).
——————— Mant. Ins. ii, p. 143, No. 65, (1787).
——————— Ent. Syst. iii, 2, p. 33, No. 83, (1794).
——————— Esper., Schmett, iv, pl. 172, figs. 1—3, pl. 185, figs. 1—6*.
——————— Bork., Eur. Schmett, iv, 89, 35*.
——————— Hübn., Eur. Schmett, Noct., pl. 62, fig. 311*.
——————— Dup., Hist. Nat. Lep. France, vii, 304, pl. 119, fig. 2.*
——————— Schr., Faun. Bois. 1587*.
——————— Scriba , Beitr., pl. 12, figs. 2—5*.
——————— Donov., Brit. Ins. x, pl. 327*.
Melicleptria dipsacea, Hübn., Verz bek. Schmett, p. 262, No. 2578, (1861).
Heliothisa dipsacea, Meig., Handb. 183, 94*.
——————— Syst. Besch. iii, 231, 16, pl. 120, fig. 12*.

HELIOTHIS DIPSACEA—*continued.*

Heliothis dipsacea, Treit., Schmett v, 220, 3*.
——————— Steph., Ill. Brit. Ent. Haust. iii, 109*.
——————— Boisd., Ind. Meth., p. 163, No. 1305, (1840).
——————— Guén., Noct. ii, 181, 934*.
——————— Erschoff., Lep. Turkestan, p. 48, (1874).
——————— Walker, Cat. Lep. Het. B. M. xi, p. 685, (1857).
——————— Moore, 2nd Yarkand Miss. Lep., p. 11, (1879).

I. M., Yarkand (2nd Mission).
Also recorded from Europe.

1732. HELIOTHIS HYBLÆOIDES.

Heliothis hyblæoides, Moore, Ann. Mag. N. H. (5), i, p. 234, (1878).
——————— 2nd Yarkand Mission Lep., p. 12, pl. 1, fig. 20, (1879).

I. M., Moore's type, Yarkand (2nd Mission).
Closely allied to *H. dipsacea*.

733. HELIOTHIS JUNCEA.

Heliothis juncea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448, pl. 27, fig. 4.

Collection Swinhoe, Bombay.

1734. HELIOTHIS PELTIGERA.

Noctua peltigera, Wien, Verz 89, 2*.
——————— Dup., Hist. Nat. Lep. Fr. vii, pl. 119, fig. 5*.
Noctua barbara, Fabr., Ent. Syst. iii, 2, p. 111, No. 334, (1794).
——————— Coqueb., Ill. Icon., p. 70, pl. 17, fig. 3, (1801).
Noctua florentina, Esp., Schmett iv, pl. 135, fig. 2*.
Noctua scutigera, Bork., Eur. Schmett, iv, 93, 37*.
Noctua straminea, Donov., Brit. Ins. ii, pl. 61*.
Heliothis peltigera, Steph., Ill. Brit. Ent. Haust. iii, 109*.
Phalæna alphea, Cram., Pap. Exot. iii, pl. 250, fig. F., (1779).
Melicleptria peltigera, Hübn., Verz Bek. Schmett, p. 262, No. 2576, (1816).
Melicleptria alphea, Hübn., *loc. cit.*, p. 262, No. 2577, (1816).
Heliothisa peltigera, Meig., Syst. Besch, iii, 234, pl. 120, fig. 14*.
var. *Phalæna charmione*, Stoll., Cram. Pap. Exot. p. 162, pl. 36, fig. 10, (1790).
Heliothis peltigera, Guén., Noct. ii, p. 180*.
——————— Walker, Cat. Lep. Het. B. M., xi, p. 682, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 60.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p. 448; and 1886, p. 442.
——————— Trans. Ent. Soc. Lond. 1885, p. 348.

I. M., Karachi (Swinhoe), Quetta (Swinhoe).
Collection Swinhoe, Quetta, Karachi, Mhow, Poona, Campbellpore.
Also recorded from Europe, Africa, New Zealand, Beluchistan, and Northern Bengal.

1735. HELIOTHIS PERIGEOIDES.

Heliothis perigeoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 361.

Kutch.
Allied to *H. peltigera*.

1736. Heliothis rubrescens.

Thalpophila rubrescens, Walker, Cat. Lep. Het. B. M., xv, p. 1681, (1858).
———————Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
Heliothis rubrescens, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348.
Heliothis rubescens (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448, and 1886, p. 442.

Collection Swinhoe, Quetta, Karachi, Bombay, Campbellpore.
Also recorded from New Zealand and Australia.
Allied to *H. armigera*, and *H. conferta* of New Zealand.

1737. Heliothis scutosa.

Noctua scutosa, Schiff., Wien. Verz 89, 1*.
——————— Fabr., Mant. Ins. ii, p. 142, No. 65, (1787).
——————— Ent., Syst. iii, 2, p. 33, No. 81, (1794).
——————— Esper., Schmett iv, pl. 108, figs. 1, 2*.
——————— Bork., Eur. Schmett Noct., pl. 63, fig. 309*.
——————— Dup., Hist. Nat. Lep. Fr. vii, 301, pl. 119, fig. 1*.
——————— Frey., Beitr. ii, pl. 191*.
Melicleptria scutosa, Hübn., Verz. Bek. Schmett, p. 262, No. 2575, (1816).
Heliothisa scutosa, Meig., Syst. Besch. v, 231, 17, pl. 120, fig. 11*.
Heliothis scutosa, Treit., Schmett. v, 224, 4*.
——————— Curtis, Brit. Ent., pl. 595*.
——————— Boisd., Ind. Meth. p. 163, No. 1306, (1840).
——————— Guén., Noct. ii, 182, 936*.
——————— Walker, Cat. Lep Het. B. M. xi, p. 686, (1857).
——————— Moore, 2nd Yarkand Miss. Lep., p. 11, (1879).

I. M., Kulu (Young), Prussia (Kricheldorff).
Also recorded from Cashmir.

1738. Heliothis succinea.

Heliothis succinea, Moore, Proc. Zool. Soc. Lond. 1881, p. 362.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

I. M., Kulu (Young).
Collection Swinhoe, Mhow.
Also recorded from Bombay.
Allied to *H. armigera*.

1739. Heliothis temperata.

Heliothis temperata, Walker, Cat. Lep. Het. B. M. xi, p. 689, (1857).

India.

Genus **Pimprana.**

1740. Pimprana atkinsoni.

Pimprana atkinsoni, Moore, Descr. Ind. Lep. Atk., i, p. 42, pl. ii, fig. 11, (1879).

Collection Swinhoe, Darjiling.

Genus **Curubasa.**

1741. Curubasa calamaria.

Curubasa calamaria, Moore, Proc Zool. Soc Lond. 1881, p. 367.
——————— Swinhoe, Proc. Soc. Lond. 1885, p. 449.

Collection Swinhoe, Bombay.

1742. Curubasa cruentata.

Curubasa cruentata, Moore, Proc. Zool. Soc. Lond. 1881, p. 367.

N.-W. India, Cashmir.

1743. Curubasa lanceolata.

Alaria lanceolata, Walker, Cat, Lep. Het. B. M. xii, p. 767, (1857).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442.
Curubasa lanceolata, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.

Collection Swinhoe, Solun, Mhow.
Also recorded from the Nilgiri Hills.

1744. Curubasa marginata.

Curubasa marginata, Moore, Proc. Zool. Soc. Lond. 1881, p. 367.

N.-W. Himalayas.

Genus **Adisura**.

1745. Adisura atkinsoni.

Adisura atkinsoni, Moore, Proc. Zool. Soc. Lond. 1881, p. 368, pl. 37, fig. 6.
——————— Descr. Ind. Lep. Atk. ii, p. 137, (1882).

Darjiling.

1746. Adisura dulcis.

Adisura dulcis, Moore, Proc. Zool. Soc. Lond. 1881, p. 368, pl. 37, fig. 20.
——————— Descr. Ind. Lep. Atk. ii, p. 137, (1882).

Darjiling.

1747. Adisura leucanioides.

Adisura leucanioides, Moore, Proc. Zool. Soc. Lond. 1881, p. 368.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
——————— Swinhoe, Proc. Zool. Lond. 1884, p. 518 ; 1885, p. 449 ; and 1886, p. 443.

Collection Swinhoe, Karachi, Mhow, Bombay, Poona, Khandalla.

1748. Adisura marginalis.

Anthophila marginalis, Walker, Cat. Lep. Het. B. M., xii, p. 830, (1857).
Adisura marginalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 368.
——————— Descr. Ind. Lep. Atk. ii, p. 137, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.

Collection Swinhoe, Bombay, Poona, Alibagh.
Also recorded from Calcutta.

1749. Adisura pallida.

Adisura pallida, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
——————— Lep. Ceyl. iii, p. 52, pl. 150, fig. 8, (1884).

Ceylon.
Allied to *A. leucanioides*.

1750. ADISURA SIMILIS.

Adisura similis, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
——————— Descr. Ind. Lep. Atk. ii, p. 138, (1882).

Calcutta.
Allied to *A. marginalis*.

1751. ADISURA UNCTA.

Adisura uncta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449, pl. 27, fig. 12.

Collection Swinhoe, Bombay.
Allied to *A. leucanioides*.

Genus **Anthœcia**.

1752. ANTHŒCIA SWINHOEI.

Anthœcia swinhoei, Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449; and 1886, p. 443.

Collection Swinhoe, Assirgarh, Poona.

Genus **Pyrrhia**.

1753. PYRRHIA MARGINATA.

Noctua marginata, Kléem., Beit. ii, pl. 7, figs. 6, 8*.
——————— Fabr., Ent. Syst. iii, 2, p. 88, No. 260, (1794).
——————— Dup., Hist. Nat. Lep. Fr. vii, pl. 119, fig. 8*.
Noctua rutilago, Wien., Verz. 88, 4*.
——————— Fuessl., Mag. 219*.
——————— Schr., Faun. Boic. 1579*.
——————— Hübn., Eur. Schmett Noct. i, 185*.
Noctua umbrago, Esp., Schmett iv, pl. 185, figs. 6, 7*.
Noctua conspicua, Bork., Eur. Schmett iv, 50*.
Noctua marginago, Haw., Lep. Brit. 217.*
Pyrrhia rutilago, Hübn., Verz. Bek. Schmett, p. 233, No. 2337, (1816).
Heliothisa marginata, Meig., Syst. Besch. iii, 233, 20, pl. 120, fig. 17.*
——————— Frey., Stett. Ent. Zeit. ii, 109, (1841).
Heliothis marginata, Triet., Schmett. v. 232, 7.*
——————— Steph., Ill. Brit. Ent. iii, 108.*
——————— Boisd., Ind. Meth., p. 163, No. 1309, (1840).
——————— Guén., Noct. ii, 178, 927*.
——————— Walker, Cat. Lep. Het. B. M. xi, p. 681, (1857).

I. M., Kulu (Young).
Collection Swinhoe, Solun.
Also recorded from Europe.

Genus **Masalia**.

1754. MASALIA IRRORATA.

Masalia irrorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 364.

Collection Swinhoe, Mandi.
Also recorded from Darjiling.

1755. Masalia radiata.

Masalia radiata, Moore, Proc. Zool. Soc. Lond. 1881, p. 364.
Manpuri.

Genus **Sophaga.**

1756. Sophaga sinuata.

Sophaga sinuata, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.
Bombay.

Genus **Heliocheilus.**

1757. Heliocheilus translucens.

Heliocheilus translucens, Felder, Reise Novara Lep., pl. 108, fig. 49, (1864-75).
Himalayas.

Family BOMBYCOIDÆ.

Genus **Diphtera.**

1758. Diphtera atrovirens.

Diphtera atrovirens, Walker, Cat. Lep. Het. B. M. xxxii, p. 614 (1865); and p. 1952, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 45.
I. M., Sikkim.
Collection Swinhoe, N. India.

1759. Diphtera deceptura.

Diphtera deceptura, Walker, Cat. Lep. Het. B. M. xxxii, p. 614, (1865).
——————— Moore, Lep. Ceyl. iii, p. 4, (1884).
Ceylon.

1760. Diphtera discibrunnea.

Diphtera discibrunnea, Walker, Cat. Lep. Het. B. M. xxxv, p. 1952, (1866).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 46, pl. 6, fig. 14.
Collection Swinhoe, Sikkim.

1761. Diphtera nigroviridis.

Diphtera nigroviridis, Walker, Cat. Lep. Het. B. M. xxxii, p. 615, (1865); and xxxv, p. 1952, (1866).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 46.
I. M., Sikkim.
Collection Swinhoe, Sikkim.

1762. Diphtera pallida.

Diphtera pallida, Walker, Cat. Lep. Het. B. M. xxxv, p. 1953, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 46, pl. 6, fig. 6.

Darjiling.

1763. Diphtera prasinaria.

Diphtera prasinaria, Walker, Cat. Lep. Het. B. M. xxxii, p. 615, (1865); xxxv, p. 1952, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1764. Diptera vigens.

Diphtera vigens, Walker, Cat. Lep. Het. B. M. xxxii, p. 616, (1865); and xxxv, 1952, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

I. M., Kulu (Young), Sikkim.
Collection Swinhoe, Sikkim.

Genus **Plataplecta.**

1765. Plataplecta pruinosa.

Acronycta pruinosa, Guén., Noct. i, p. 53, 72*.
———— Walker, Cat. Lep. Het. B. M., ix, p. 64, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.
Polia soluta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 723, (1865).
Plataplecta soluta, Butler, Ann. Mag. N. H. (1), v, p. 195, (1878).
Plataplecta pruinosa, Moore, Lep. Ceyl. iii, p. 5, pl. 144, fig. 3, (1884).

Sylhet, Java, Ceylon.

1766. Plataplecta stevensii.

Polia stevensii, Guén., Noct. ii, 38, 721*.
———— Walker, Cat. Lep. Het. B. M., xi, p. 521, (1857).

Central India.

Genus **Acronycta.**

1767. Acronycta bicolor.

Acronycta bicolor, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.

Collection Swinhoe, Solun.

1768. Acronycta flavala.

Acronycta flavala, Moore, Proc. Zool. Soc. Lond. 1867, p. 46.

Bengal.

1769. Acronycta indica.

Acronycta indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 47.

Bengal.

1770. Acronycta kargalika.

Acronycta kargalika, Moore, Ann. & Mag. N. H. (5) i, p. 232, (1878).
I. M., Moore's type from Yarkand (2nd Mission).

Genus **Triæna.**

1771. Triæna maxima.

Triæna maxima, Moore, Proc. Zool. Soc. Lond. 1881, p. 333.
Collection Swinhoe, Campbellpore.
Allied to *T. tridens* of Europe.

Genus **Karana.**

1772. Karana decorata.

Karana decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 107, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.
Collection Swinhoe, Dharmsala, Satara, Poona, Nilgiri Hills.
Also recorded from Sikkim.

Genus **Hyboma.**

1773. Hyboma fasciata.

Hyboma fasciata, Moore, Lep. Ceyl. iii, p. 5, pl. 144, fig. 4, (1884).
Ceylon.

Family BRYOPHILIDÆ.

Genus **Bryophila.**

1774. Bryophila albistigma.

Bryophila albistigma, Moore, Proc. Zool. Soc. Lond. 1867, p. 45.
Bengal.

1775. Bryophila literata.

Bryophila literata, Moore, Proc. Zool. Soc. Lond. 1881, p. 331.
Collection Swinhoe, Kulu.
Also recorded from Cashmir.
Allied to *B. glandifera* of Europe.

1776. Bryophila mediana.

Bryophila mediana, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.
Solun.

1777. Bryophila modesta.

Bryophila modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.
N.-W. Himalayas.
Allied to *B. algæ* of Europe.

1778. BRYOPHILA NILGIRIA.

Bryophila nilgiria, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.

Ootacamund.

Genus **Casama.**

1779. CASAMA INDETERMINATA.

Casama indeterminata, Walker, Cat. Lep. Het. B. M. xxxii, p. 611, (1865).

S. India.

FAMILY GLOTTULIDÆ.

Genus **Glottula.**

1780. GLOTTULA DOMINICA.

Phalæna (*Noctua*) *dominica*, Cramer, Pap. Exot. iv, pl. 299, fig. H, (1782).
Hadena pancratii, Boisd., Faun. Ent. Mad. Romb. et Maur. Lep. 91, 1.*
Glottula dominica, Guén., Noct. i, p. 116, 183*.
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 409.
———— Moore, Lep. Ceyl. iii, p. 14, pl. 145, figs. 2, 2*a*, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.
Glottula pancratii, Millière, Icon Descr. Chen. Lep. 1865, p. 30, pl. 54, figs. 6—9.*

Collection Swinhoe, Ceylon, Mhow, Khandalla.
Also recorded from S. Africa, Isle of France, Tranquebar.

Genus **Apsarasa.**

1781. APSARASA FIGURATA.

Apsarasa figurata, Moore, Proc. Zool. Soc. Lond. 1877, p. 604.

Andaman Islands.

. APSARASA RADIANS.

Noctua (*Apatela*) *radians*, Westw., Cab. Or. Ent., p. 58, pl. 28, fig. 4, (1848).
Glottula radians, Walker, Cat. Lep. Het. B. M. xv, p. 1668, (1858).
Apsarasa radians, Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikhim, Assam.

Genus **Chasmina.**

1782. CHASMINA CYGNUS.

Chasmina cygnus, Walker, Cat. Lep. Het. B.M., ix, p. 147, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.
Leucyma cygnus, Butler, Ill. Typ. Lep. Het. vi, p. 35, pl. 110, fig. 3, (1886).

I. M., Kulu (Young), Solun (Swinhoe).
Collection Swinhoe, Bombay, Khandalla.

1783. Chasmina dianæ.

Leocyma dianæ, Guén., Noct. ii, p. 213, (1852)*.
——————— Moore, Lep. Ceyl. iii, p. 43, pl. 149, fig. 5, (1884).
Leocyma dianæ, Walker, Cat. Lep. Het. B. M. xii, p. 780, (1857).
Chasmina glabra, Walker, Cat. Lep. Het. B. M. xxxii, p. 636, (1865).
Ceylon, Australia.

Genus **Ramadasa.**

1784. Ramadasa pavo.

Chasmina pavo, Walker, Cat. Lep. Het. B. M., ix, p. 147, (1856).
Ramadasa pavo, Moore, Proc. Zool. Soc. Lond., 1877, p. 603, pl. 59, fig. 8.
——————— Lep. Ceyl. iii, p. 45, pl. 149, fig. 1, (1884).
I. M., Sikkim (purchased).
Also recorded from Ceylon and the Andaman Islands.

Genus **Polytela.**

1785. Polytela florigera.

Polytela florigera, Guén., Noct. i, 114, 180.*
——————— Walker, Cat. Lep. Het. B. M., ix, p. 139, (1856).
India.

1786. Polytela gloriosæ.

Bombyx gloriosæ, Fabr., Sp. Ins. ii, p. 205, No. 150, (1781).
——————— Mant., Ins. ii, p. 133, No. 211, (1787).
——————— Ent. Syst. iii, 1, p. 484, No. 242, (1793).
Phalæna gloriosæ, Linn., Syst. Nat., No. 2440.
Polytela gloriosæ, Guén., Noct. i, p. 113, 179, pl. 4, fig. 2, (1852).*
——————— Walker, Cat. Lep. Het. B. M., ix, p. 138, (1856).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
——————— Lep. Ceyl. iii, p. 13, pl. 145, fig. 1, ♀ 1*a* larva, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.
I. M., Goalpara, Calcutta, Bombay (Swinhoe).
Collection Swinhoe, Sikkim, Poona, Bombay.
Also recorded from Canara, Madras, and Ceylon.

Genus **Calymera.**

1787. Calymera picta.

Calymera picta, Moore, Descr. Ind. Lep. Atk. ii, p. 104, pl. 4, fig. 7, (1882).
Darjiling.

Genus **Baorisa.**

1788. Baorisa hieroglyphica.

Baorisa hieroglyphica, Moore, Descr. Ind. Lep. Atk. ii, p. 133, pl. 4, fig. 14, (1882).
Darjiling.

Genus **Ariola.**

1789. ARIOLA CŒLISIGNA.

Ariola cœlisigna, Walker, Cat. Lep. Het. B. M. xii, p. 769, (1857).
——————— Moore, Lep. Ceyl. iii, p. 41, (1884).
Ariola ransonneti, Felder & R. Reise, Novara Lep. p. 108, fig. 1, (1864—75).

Collection Swinhoe, Ceylon.
Also recorded from Sarawak, Borneo.

1790. ARIOLA SATURATA.

Ariola saturata, Walker, Cat. Lep. Het. B. M. xii, p. 774, (1857).
Ceylon.

Genus **Dandaca.**

1791. DANDACA COLUMBA.

Dandaca columba, Walker, Cat. Lep. Het. B. M., ix, p. 149, (1856).
N. India.

FAMILY COSMIDÆ.

Genus **Ipimorpha.**

1792. IPIMORPHA DIVISA.

Ipimorpha divisa, Moore, Descr. Ind. Lep. Atk. ii, p. 123, (1882).
Darjiling, Simla.
Allied to *I. subtusa* of Europe.

Genus **Cosmia.**

1793. COSMIA HYPENOIDES.

Cosmia hypenoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 19.
——————— Descr. Ind. Lep. Atk. ii, p. 122, (1882).

Parisnath (Bengal).

1794. COSMIA RESTITUTA.

Cosmia restituta, Walker, Cat. Lep. Het. B. M., x, p. 490, (1856).
Nepal.

FAMILY ERASTRIIDÆ.

Genus **Erastria.**

1795. ERASTRIA ALBIORBIS.

Erastria albiorbis, Moore, Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Darjiling.

1796. Erastria cidarioides.

Erastria cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Darjiling.

1797. Erastria fusca.

Erastria fusca, Moore, Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Collection Swinhoe, Sikkim.

1798. Erastria futilis.

Erastria futilis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47, fig. 8.
Collection Swinhoe, Karachi.
Allied to *E. scitula* of Europe.

1799. Erastria imbuta.

Erastria imbuta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 794, (1865).
India.

1800. Erastria marginata.

Erastria marginata, Moore, Proc. Zool. Soc. Lond. 1881, p. 372, pl. 37, fig. 21.
——————— Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Darjiling.

1801. Erastria nubila.

Erastria nubila, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Allied to *E. fusca*.
Darjiling.

1802. Erastria pallidisca.

Erastria pallidisca, Moore, Proc. Zool. Soc. Lond. 1881, p. 372, pl. 37, fig. 14.
——————— Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Darjiling.

Family ACONTIIDÆ.

Genus Xanthodes.

1803. Xanthodes arcuata.

Xanthodes arcuata, Walker, Cat. Lep. Het. B. M. xii, p. 779, (1857).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517.
Collection Swinhoe, Karachi.
Also recorded from Africa.

1804. XANTHODES DUPLICATA.

Xanthodes duplicata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 778, (1865).

Siam.

1805. XANTHODES FLAVA.

Noctua flava, Fabr., Ent. Syst. iii, 2, p. 51, No. 139, (1794).
Xanthodes transversa, Guén., Noct. ii, p. 211, pl. 10, fig. 5, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 61; and 1877, p. 605.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Acontia flava, Moore, Lep. Ceyl. iii, p. 42, pl. 149, figs. 2, 2*a*, larva, (1884).

I. M., Sikkim (Barnes), Sibsagar (Peal), Buxa (Moti Ram), Cachar (Wood-Mason).

Collection Swinhoe, Sikkim, Bombay, Poona, Ceylon.
Also recorded from the Andaman Islands.

1806. XANTHODES GRAELLSII.

Acontia graellsii, Feisthamel, Ann. Soc. Ent. Fr. (6), p. 300, pl. 12, fig. 3, (1837).
Xanthodes graellsii, Guén., Noct. ii, 211, 977.*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 777, (1857).
——————— Millière, Icon. Descr. Chen. Lep. 1865, p. 73, pl. 59, figs. 6, 7.*

Spain, Mauritius, India.

1807. XANTHODES IMPARATA.

Xanthia imparata, Walker, Cat. Lep. Het. B. M., x, p. 467, (1856).
Xanthodes imparata, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Bombay, Karachi, Poona.

1808. XANTHODES IMPELLENS.

Xanthodes impellens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

India.

1809. XANTHODES INEFFICIENS.

Xanthodes inefficiens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).

India.

1810. XANTHODES INNOCENS.

Xanthodes innocens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517; and 1885, p. 454.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

Collection Swinhoe, Ootacamund, Karachi, Bombay.
Also recorded from Campbellpore.

1811. Xanthodes intersepta.

Xanthodes intersepta, Guén., Noct. ii, p. 212, 979, (1852).*
——————Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
——————— Lep. Ceyl. iii, p. 42, pl. 149, fig. 3, (1884).

I. M., Andaman Islands (purchased), Sibsagar, Sikkim.
Collection Swinhoe, Sikkim.
Also recorded from Ceylon, Sylhet, also Malta.

1812. Xanthodes stramen.

Xanthodes stramen, Guén., Noct. ii, 210, 976.*
——————Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).
——————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona, Karachi, Nilghiris.
Also recorded from Thibet.

Genus **Naranga.**

1813. Naranga ferruginea.

Naranga ferruginea, Moore, Descr. Ind. Lep. Atk. ii, p. 134, (1882).
Calcutta.

1814. Naranga diffusa.

Xanthodes diffusa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 779, (1865).
Naranga diffusa, Moore, Proc. Zool. Soc. Lond. 1881, p. 359.
——————Lep. Ceyl. iii, p. 49, pl. 150, fig. 17, (1884).

Formosa, Ceylon, Nilgiri Hills.

1815. Naranga quadrivittata.

Naranga quadrivittata, Moore, Descr. Ind. Lep. Atk. ii, p. 134, (1882).
Calcutta.

Genus **Xanthia.**

1816. Xanthia rufoflava.

Xanthia rufoflava, Walker, Cat. Lep. Het. B. M, x, p. 467, (1856).
N. India.

Genus **Pitacota.**

1817. Pitacota terminigera.

Felinia terminigera, Walker, Cat. Lep. Het. B. M, xv, p. 1850, (1858).
——————— Moore, Proc. Zool Soc. Lond. 1867, p. 77.
Pitacota terminigera, Moore, Lep. Ceyl. iii, p. 46, pl. 149, fig. 7, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona.
Also recorded from Canara, Sylhet, and Ceylon.

Genus **Hiccoda.**

1818. HICCODA DOSAROIDES.

Hiccoda dosaroides, Moore, Descr. Ind. Lep. Atk. ii, p. 135, (1882).
——————— Lep. Ceyl. iii, p. 49, pl. 150, fig. 16, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

Collection Swinhoe, Solun, Poona.
Also recorded from Calcutta, Bombay, Ceylon.

1819. HICCODA HERBARIA.

Hiccoda herbaria, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446.
Collection Swinhoe, Mhow.

Genus **Canna.**

1820. CANNA PULCHRIPICTA.

Canna pulchripicta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 790, (1865), and xxxv, p. 1965, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 61, pl. 6, fig. 10.

I. M., Sikkim (purchased).
Collection Swinhoe, Dharmsala, Sikkim.

Genus **Calophasia.**

1821. CALOPHASIA CASHMIRENSIS.

Calophasia cashmirensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.
——————— Descr. Ind. Lep. Atk. ii, p. 132, (1882).

Cashmir.
Allied to *C. lineariæ* of Europe.

1822. CALOPHASIA LOBIFERA.

Calophasia lobifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.
Bombay.

1823. CALOPHASIA NOTABILIS.

Calophasia notabilis, Walker, Cat. Lep. Het. B. M., xi, p. 669, (1857).
Collection Swinhoe, Umballa.

1824. CALOPHASIA UPSILON.

Calophasia upsilon, Walker, Cat. Lep. Het. B. M. xxxiii, p. 763, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona.
Also recorded from Deccan.

Genus **Euphasia.**

1825. EUPHASIA CATENA.

Noctua catena, Sowerby, Brit. Misc. 29, pl. 14.*
Acontia catena, Steph., Ill. Brit. Ent. Haust. iii, 116 *
———— Guén., Noct. ii, 214, 983.*
Desmophora elegans, Steph., Cat. Brit. Ins. 6398.*
Euphasia catena, Walker, Cat. Lep. Het. B. M., xii, p. 781, (1857).
Collection Swinhoe, Sind.

1826. EUPHASIA CATENULA.

Euphasia catenula, Walker, Cat. Lep. Het. B. M. xxxiii, p. 780, (1865).
Collection Swinhoe, Campbellpore, Karachi.
Also recorded from South India.

Genus **Acontia.**

1827. ACONTIA ACERBA.

Acontia acerba, Felder & R. Reise, Novara Lep., pl. 108, fig. 25, (1864-75).
Bengal.

1828. ACONTIA BADIA.

Acontia badia, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.
Collection Swinhoe, Mhow, Bombay.

1829. ACONTIA BASIFERA.

Acontia basifera, Walker, Cat. Lep. Het. B. M., xii, p. 793, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
I. M., Poona, Karachi.
Collection Swinhoe, Poona, Karachi, Hubb River.

1830. ACONTIA COSTALIS.

Acontia costalis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 784, (1865).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Collection Swinhoe, Poona, Karachi, Campbellpore.
Also recorded from South India.

1831. ACONTIA COSTISTIGMA.

Acontia costistigma, Walker, Cat. Lep. Het. B. M., xii, p. 792, (1857).
N. India.

1832. ACONTIA CROCATA.

Acontia crocata, Guén., Noct. ii, 218, 989.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 791, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond 1885, p. 455; and 1886, p. 445.
I.M., Bombay, (Swinhoe).
Collection Swinhoe, Mhow, Karachi, Poona, Bombay.

1833. ACONTIA DICYCLA.

Acontia dicycla, Walker, Cat. Lep. Het. B. M. xxxv, p. 1964, (1866).

N. India.

1834. ACONTIA EXCISA.

Acontia excisa, Walker, MS. British Museum Collection.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455.

Collection Swinhoe, Poona, Khandalla, Mhow.

1835. ACONTIA FIRINA.

Acontia firina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455, pl. 27, fig. 5.

Collection Swinhoe, Poona, Bombay.

1836. ACONTIA HORTENSIS.

Acontia hortensis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47 fig. 7.

Collection Swinhoe, Karachi.
Allied to *A. solaris* of Europe.

1837. ACONTIA IMITATA.

Acontia imitata, Moore, Lep. Ceyl. iii, p. 42, pl. 149, fig. 4, (1884).

Ceylon.

1838. ACONTIA JUDICATA.

Acontia judicata, Walker, Cat. Lep. Het. B. M., xv, p. 1760, (1858).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 35, pl. 110, fig. 2, (1886).

N. India.

1839. ACONTIA LUCTUOSA.

Noctua luctuosa, Schiff., Wien. Verz. 90, 7, pl. 114, fig. 5, (1776).*
——————— Esper., Schmett iv, pl. 88, fig. 4.*
——————— Bork., Eur. Schmett, iv, 77, 29.*
——————— Hübn., Eur. Schmett, Noct., pl. 62, figs. 305, 306.*
——————— Dup., Hist. Nat. Lep. Fr. vii, 350, pl. 121, figs. 3, 4.*
Noctua italica, Fabr., Sp. Ins. ii, p. 218, No. 49, (1781).
——————————, Mant. Ins. ii, p. 144, No. 72, (1787).
——————— Ent. Syst. iii, p. 37, No. 59, (1794).
Phalæna (Noctua) italica, Linn., Syst. Nat. 2551.
Ædia luctuosa, Hübn., Verz. Bek. Schmet. p. 261, No. 2562, (816).
Acontia luctuosa, Treit., Schmett. v, 247, 7.*
——————— Steph., Ill. Brit. Ent. Haust. iii, 113.*
——————— Frey., Neue Beitr, p. 346.*
——————— Stett Ent Zet. ii, 110, (1841).
——————— Boisd., Ind. Meth. p. 165, No. 1323, (1840).
——————— Guén., Noct. *ii*, 223, 1001.*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 783, (1857).
——————— Moore, 2nd Yarkand Mission Lep., p. 12, (1879).
Phytometra luctuosa, Haw., Lep. Brit. 29.*
Ophiusa luctuosa, Meig., Handb. 183, 95, pl. 13, fig. 6.*
——————— Syst.Besch. iii, 210, pl. 114, fig. 5.*

Europe, Yarkand.

1840. Acontia maculosa.

Acontia maculosa, Walker, Cat. Het. B. M., xii, p. 795, (1857).
China, N. India.

1841. Acontia meridionalis.

Acontia meridionalis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 785, (1865).
S. India.

1842. Acontia nigripalpis.

Acontia nigripalpis, Walker, Cat. Lep. Het. B. M. xxxv, p. 1965, (1866).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.
Collection Swinhoe, Mhow, Assirgarh.

1843. Acontia olivacea.

Acontia olivacea, Walker, Cat. Lep. Het. B. M., xii, p. 795, (1857).
Punjab, Ceylon.

1844. Acontia opalinoides.

Acontia opalinoides, Guén., Noct. ii, 219, 993.*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 791, (1857).
Coromandel.

1845. Acontia pulla.

Acontia pulla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456, pl. 27, fig. 15.
Collection Swinhoe, Poona.

1846. Acontia quadripartita.

Acontia quadripartita, Walker, Cat. Lep. Het. B. M. xxxiii, p. 786, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454; and 1886, p. 445.
Collection Swinhoe, Mhow, Poona, Bombay.

1847. Acontia quintana.

Acontia quintana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455, pl. 27, fig. 13.
Collection Swinhoe, Poona, Khandalla.

1848. Acontia scanda.

Acontia scanda, Felder & R. Reise, Novara Lep., pl. 108, fig. 27, (1864-75).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455.
Collection Swinhoe, Bombay, Karachi.
Also recorded from Bengal.

1849. ACONTIA TRIRADIATA.

Acontia triradiata, Walker, Cat. Lep. Het. B. M., xii, p. 794, (1857).
Collection Swinhoe, Campbellpore.

1850. ACONTIA TURPIS.

Acontia turpis, Walker, Cat. Lep. Het. B. M., xii, p. 794, (1857).
N. India.

1851. ACONTIA VIALIS.

Acontia vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 135, (1882).
Collection Swinhoe, Darjiling, Nilgiri Hills.
Also recorded from Dharmsala.

Genus **Carandana.**

1852. CARANDANA FASCICULOSA.

Acontia fasciculosa, Walker, Cat. Lep. Het. B. M. xv, p. 1760, (1858).
Carandana fasciculosa, Moore, Lep. Ceyl. iii, p. 46, (1884).
Ceylon.

Genus **Bankia.**

1853. BANKIA ANGULIFERA.

Bankia angulifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 373.
N.-W. Himalayas.

1854. BANKIA ARGENTULA.

Noctua argentula, Hübn., Beitr. i, 9, pl. 2, fig. F, (1786).*
——————— Esp., Schmett iv, pl. 163, fig. 3.*
——————— Bork., Eur. Schmett iv, 798, 367*.
——————— Dup., Pap. de France vii, 373, pl. 123, fig. 2.*
Pyralis bankiana, Fabr., Sp. Ins. ii, p. 275, No. 1, (1781).
——————— Mant., Ins. ii, p. 224, No. 1, (1787).
——————— Ent. Syst. iii, p. 2, 242, No. 1, (1794).
Tortrix olivana, Wien., Verz. 120, 1.*
Phalæna (Tortrix) bankiana, Linn. Syst. Nat. 2497.
Argyrostrotis olivea, Hübn., Verz. bek. Schmett, p. 253, No. 2508, (1816).
Erastria argentula, Treit., Schmett v, 255, 3.*
Anthophila argentula, Meig., Handb. 185, 100.*
——————— Syst. Besch. iii, 242, 8, pl. 120, fig. 3.*
——————— Boisd., Ind. Meth. p. 174, No. 1399, (1840).
Bankia argentula, Guén., Noct. ii, 231, 1014.*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 810, (1857).
——————— Moore, 2nd Yarkand Mission, p. 12, (1879).
I. M., Yarkand (2nd Mission).
Also recorded from Europe.

1855. BANKIA BASALIS.

Bankia basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 143, (1882).
Darjiling, Shanghai.

1856. Bankia erecta.

Bankia erecta, Moore, Proc. Zool. Soc. Lond. 1881, p. 373.
Nilgiri Hills.

1857. Bankia obliqua.

Bankia obliqua, Van M. deRioy, MS.
———— Moore, Descr. Ind. Lep. Atk. ii, p. 143, (1882).
Dharmsala, Cashmir.

1858. Bankia opella.

Acontia opella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456, pl. 27, fig. 16.
Bankia opella, Butler, Proc. Zool. Soc. Lond. 1886, p. 380.
Collection Swinhoe, Karachi, Campbellpore, Poona, Mahábleshwa.

1859. Bankia renalis.

Bankia renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Dharmsala, Calcutta.

Genus **Tarache.**

1860. Tarache destituta.

Acontia destituta, Walker, MS. Brit. Mus. Cab.
Tarache destituta, Moore, Lep. Ceyl. iii, p. 48, pl. 150, fig. 6, (1884).
Ceylon.

1861. Tarache inda.

Acontia inda, Felder & R. Reise, Novara Lep., pl. 108, fig. 23, (1864-75).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.
Tarache inda, Moore, Lep. Ceyl. iii, p. 48, pl. 150, fig. 5, (1884).
Collection Swinhoe, Mhow, Karachi.
Also recorded from Bengal.

1862. Tarache nivosa.

Tarache nivosa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446, pl. 41, fig. 14.
Collection Swinhoe, Solun, Mhow, Poona.

1863. Tarache olivea.

Acontia olivea, Guén., Noct. ii, 217, 986.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 790, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
Tarache olivea, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 3, (1884).
Bengal.

1864. Tarache postica.

Calophasia postica, Walker, Cat. Lep. Het. B. M. xxxiii, p. 764, (1865).
Tarache postica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Collection Swinhoe, Poona, Campbellpore, Nilgiris.

1865. TARACHE SIGNIFERA.

Acontia signifera, Walker, Cat. Lep. Het. B. M., xii, p. 793 ; and p. 796, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 61 ; and 1877, p. 605.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.
Acontia subfixa, Walker, *loc. cit.* xxxv, p. 1964, (1866).
Tarache signifera, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 4, (1884).

Collection Swinhoe, Solun, Mhow.
Also recorded from Calcutta, Andaman Islands, China.

1866. TARACHE TROPICA.

Acontia tropica, Guén., Nat. ii, 217, 988.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 790, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
Tarache tropica, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 2, (1884).

Collection Swinhoe, Ratnagiri, Nilgiris.
Also recorded from North India, China, and Ceylon.

Genus **Marimatha.**

1867. MARIMATHA LACTEA.

Marimatha lactea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 48, fig. 7.

Collection Swinhoe, Karachi.

1868. MARIMATHA PURA.

Marimatha pura, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 456, pl. 28, fig. 16.

Collection Swinhoe, Poona.

1869. MARIMATHA SUBFLAVALIS.

Marimatha subflavalis, Walker, Cat. Lep. Het. B. M. xxxiv p. 1205, (1865).

South India.

Genus **Churia.**

1870. CHURIA MACULATA.

Churia maculata, Moore, Proc. Zool. Soc. 1881, p. 360.
———— Lep. Ceyl. iii, p. 50, pl. 150, fig. 7, (1884).

Ceylon.

1871. CHURIA NIGRISIGNA.

Churia nigrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 360, pl. 37, fig. 13.
———— Descr. Ind. Lep. Atk. ii, p. 136, (1882).

Calcutta.

1872. Churia ochracea.

Churia ochracea, Moore, Proc. Zool. Soc. Lond. 1881, p. 360.
——————— Descr. Ind. Lep. Atk. ii, p. 136, (1882).

Calcutta.

Genus **Phothedes.**

1873. Phothedes bipars.

Phothedes bipars, Moore, Proc. Zool. Soc. Lond. 1881, p. 373, pl. 38, fig. 7.
——————— Descr. Ind. Lep. Atk. ii, p. 142, (1882).

Cherrapunji.
Allied to the European *P. captiuncula* of Zeller.

1874. Phothedes frausa.

Phothedes frausa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446.
Collection Swinhoe, Mhow.

1875. Phothedes veprecola.

Protheodes (sic) *veprecola*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456.
I. M., Poona (Swinhoe).
Collection Swinhoe, Mhow, Poona, Bombay.

Genus **Bagada.**

1876. Bagada pyrochroma.

Bagada pyrochroma, Walker, Cat. Lep. Het. B. M., xv, p. 1753, (1858).
——————— Moore, Lep. Ceyl. iii, p. 48, (1884).

Ceylon.

Genus **Dyrzela.**

1877. Dyrzela plagiata.

Dyrzela plagiata, Walker, Cat. Lep. Het. B. M., xv, p. 1758, (1858).
N. India.

Genus **Piada.**

1878. Piada multiplicans.

Piada multiplicans, Walker, Cat. Lep. Het. B. M., xv, p. 1747, (1858).
Canara.

Family ANTHOPHILIDÆ.

Genus **Agrophila.**

1879. Agrophila sulphuralis.

Phalæna (*Pyralis*) *sulphuralis*, Bergstr., Ins. Suec. 1, 16.*
——————— Linn. Syst. 2521.

AGROPHILA SULPHURALIS—*continued.*

Phalæna (Pyralis) sulphuralis, Fuessl., Ins. 812.*
Noctua sulphurea, Wien., Verz. 93, 6.*
———————— Esp., Schmett iv, pl. 164, fig. 6.*
———————— Bork., Eur. Schmett iv, 806, 372.*
———————— Hübn., Eur. Schmett Noct., pl. 60, fig. 291.*
———————— Dup., Hist. Nat. Lep. Fr. vii, 459, pl. 123, fig. 3.*
Bombyx lugubris, Fabr., Ent. Syst. iii, 1, p. 467, No. 188, (1793).
———————— Donov., Brit. Ins. x, pl. 339.*
Pyralis trabealis, Scop., Ent. Carn. 610.*
———————— Vill., Ent. 807.*
Noctua trabeata, Scriba, Beitr., pl. 10, fig. 8.*
Noctua arabica, Berl., Mag. iii, 412.*
———————— Bork., Eur. Schmett 807, 373.*
Emmelia sulphurea, Hübn., Verz. bek. Schmett, p. 254, No. 2509, (1816).
Erastria sulphurea, Treit., Schmett v, 251, 1.*
Erastria sulphuralis, Steph., Ill. Brit. Ent. iii, 117.*
Phytometra sulphurea, Han., Lep. Brit. 262.*
Anthophila sulphurea, Meig., Handb. 184, 98, pl. 13, fig. 11.*
———————— Syst. Besch. iii, 242, 9, pl. 120, fig. 1.*
Agrophila sulphurea, Boisd., Ind. Meth. p. 175, No. 1400, (1840).
Agrophila sulphuralis, Guén., Noct. ii, 206, 971.*
———————— Eversen, Fauna Volga, Ural, p. 461.*
———————— Walker, Cat. Lep. Het. B. M. xii, 773, (1857).
———————— Moore, 2nd Yarkand Miss. Lep. p. 12, (1879).
———————— Butler, Ann. Mag. N. H. 5, ix, p. 210, (1882).
———————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
Agrophila trabealis, Ersch., Lep. Turkestan, p. 52, No. 179, (1874).

Collection Swinhoe, Candahar, Quetta, Ispingil (Beluchistan).
Also recorded from Europe, Turkistan, and Yarkand.

Genus **Anthophila.**

1880. ANTHOPHILA BULLA.

Anthophila bulla, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 9.

Collection Swinhoe, Karachi.

1881. ANTHOPHILA DEROGATA.

Micra derogata, Walker, Cat. Lep. Het. B. M., xii, p. 825, (1857).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518.
Anthophila derogata, Moore, Lep. Ceyl. iii, p. 53, pl. 150, fig. 18, (1884).

Collection Swinhoe, Solun, Karachi.
Also recorded from Ceylon and Australia.

1882. ANTHOPHILA DIVISA.

Thalpochares divisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Anthophila divisa, Moore, Lep. Ceyl. iii, p. 53, pl. 150, fig. 10, (1884).

Collection Swinhoe, Sikkim.
Also recorded from Allahabad, Calcutta, Ceylon.

1883. Anthophila hemirhoda.

Micra hemirhoda, Walker, Cat. Lep. Het. B. M., xxxiii, p. 799, (1865).
Anthophila roseifascia, Walker, *loc. cit.*, p. 803, (1865).
Anthophila hæmorrhoida, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
Thalpochares adulans, Felder & R. Reise, der Novara Lep., pl. 108, fig. 11, (1864-75).
Anthophila hemirhoda, Moore, Lep. Ceyl. iii, p. 53, (1884).

Java, Ceylon, Bengal.

1884. Anthophila indecisa.

Anthophila indecisa, Walker, Cat. Lep. Het. B. M., xii, p. 829, (1857).

Punjab.

1885. Anthophila innubila.

Anthophila innubila, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Mhow.

1886. Anthophila ligaminosa.

Amphipyra ligaminosa, Eversm., Bull. Soc. Imp. Nat. Mosc. xxiv, No. 2, p. 630, (1851).
Anthophila ligaminosa, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1026, (1857).
Autophila (sic) *ligaminosa*, Butler, Ann. Mag. N. H. ix, p. 5 (5), (1882).

Collection Swinhoe, Candahar, Quetta.
Also recorded from Armenia.

1887. Anthophila nebulifera.

Anthophila nebulifera, Walker, Cat. Lep. Het. B. M. xxxiii., p. 802, (1865).

S. India.

1888. Anthophila plana.

Anthophila (?) *plana*, Walker, Trans. Ent. Soc. Lond., 3rd ser., i, p. 92, (1862—64).
———— Walker, Cat. Lep. Het. B. M. xxxiii, p. 801, (1865).

India.

1889. Anthophila zamia.

Anthophila zamia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 12.

Collection Swinhoe, Karachi.

Genus **Thalpochares.**

1890. Thalpochares albida.

Thalpochares albida, Moore, Proc. Zool. Soc. Lond. 1881, p. 370.

Bombay.

1891. THALPOCHARES BIFASCIATA.

Thalpochares bifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Allahabad, Punjab.

1892. THALPOCHARES FLAVIDA.

Thalpochares flavida, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Allahabad, Punjab.

1893. THALPOCHARES PARVULA.

Thalpochares parvula, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
Bombay.
Allied to the European *T. parva*.

1894. THALPOCHARES QUADRILINEATA.

Thalpochares quadrilineata, Moore, Proc. Zool. Soc. Lond. 1881, p. 370, pl. 38, fig. 14.
——————————— Descr. Ind. Lep. Atk. ii, p. 140, (1882).
Calcutta.

1895. THALPOCHARES RIVULA.

Thalpochares rivula, Moore, Descr. Ind. Lep. Atk. ii, p. 140, (1882).
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457; & 1886, p. 447.
Collection Swinhoe, Bombay, Mhow, Karachi.
Also recorded from Calcutta.

1896. THALPOCHARES ROSEANA.

Micra roseana, Van M. de Ring, MS.
Thalpochares roseana, Moore, Proc. Zool. Soc. Lond. 1881, p. 370.
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.
Collection Swinhoe, Sikkim, Mhow, Bombay.
Also recorded from Dharmsala.
Allied to *T. rivula*.

1897. THALPOCHARES TRIFASCIATA.

Thalpochares trifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 370, pl. 38, fig. 21.
——————————— Descr. Ind. Lep. Atk. ii, p. 139, (1882).
Calcutta.

1898. THALPOCHARES UBEROSA.

Thalpochares uberosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.
Collection Swinhoe, Poona.

Genus **Micra**.

1899. MICRA BALUX.

Micra balux, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 14.
Collection Swinhoe, Karachi.

1900. Micra chalybea.

Micra chalybea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 10.

Collection Swinhoe, Karachi.

1901. Micra furia.

Micra furia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 13.

Collection Swinhoe, Karachi.

Genus **Leptosia.**

1902. Leptosia quinaria.

Leptosia quinaria, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
——————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
——————— Proc. Zool Soc. Lond. 1886, p. 445.

Collection Swinhoe, Solun, Mhow, Quetta, Karachi.
Also recorded from Allahabad and Manpuri.

Genus **Tima.**

1903. Tima margarita.

Phalæna (*Noctua*) *margaritata*, Drury, Ins. iii, p. 28, pl. 21, fig. 6, (1782).
Tima margarita (sic), Walker, Cat. Lep. Het. B. M. xii, p. 840, (1857).

N. India.

Genus **Hydrelia.**

1904. Hydrelia conjugata.

Hydrelia conjugata, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
——————— Descr. Ind. Lep. Atk. ii, p. 139, (1882).

Darjiling.

1905. Hydrelia semilugens.

Hydrelia semilugens, Walker, Cat. Lep. Het. B. M. xii, p. 814, (1857).

India.

Genus **Hyela.**

1906. Hyela curvifera.

Hydrelia curvifera, Walker, Trans. Ent. Soc. Lond., 3rd ser., i, p. 91, (1862—64).
——————— Cat. Lep. Het. B. M. xxxiii, p. 797, (1865).
Hyela curvifera, Moore, Lep. Ceyl. iii, p. 56, (1884).

Ceylon.

1907. Hyela lativitta.

Bankia lativitta, Moore, Proc. Zool. Soc. Lond. 1881, p. 373.
Hyela (sic) *lativitta*, Moore, Lep. Ceyl. iii, p. 56, pl. 150, fig. 9, (1884).

Nilgiri Hills.

Genus **Phyllophila.**

1908. PHYLLOPHILA MODESTA.

Phyllophila modesta, Moore, Lep. Ceyl. iii, p. 55, pl. 150, fig. 13, (1884).
Ceylon.

Genus **Eublemma.**

1909. EUBLEMMA AMABILIS.

Eublemma amabilis, Moore, Lep. Ceyl. iii, p. 54, pl. 150, fig. 12, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.
Collection Swinhoe, Mhow.
Also recorded from Ceylon.

Genus **Maradana.**

1910. MARADANA RIVULATA.

Maradana rivulata, Moore, Lep. Ceyl. iii, p. 58, pl. 150, fig. 14, (1884).
Ceylon.

Genus **Odice.**

1911. ODICE TRANSVERSA.

Odice transversa, Moore, Lep. Ceyl. iii, p. 57, pl. 150, fig. 15, (1884).
Ceylon.
Allied to O. *abscissa* from South Africa.

Genus **Paracrama.**

1912. PARACRAMA DULCISSIMA.

Nolasena dulcissima, Walker, Journ. Linn. Soc. Lond. Zool. vii, p. 76.
——————— ——— Cat. Lep. Het. B. M. xxxiii, p. 860, (1865).
——————— ——— Moore, Proc. Zool. Soc. Lond. 1877, p. 606.
Paracrama dulcissima, Moore, Lep. Ceyl. iii, p. 55, pl. 150, fig. 11, (1884).
Andaman Islands, Ceylon, Borneo.

FAMILY ORTHOSIIDÆ.

Genus **Orthosia.**

1913. ORTHOSIA CURVIPLENA.

Orthosia curviplena, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865); & xxxv, p. 1960, (1866).
——————— ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
I. M., Sikkim.
Collection Swinhoe, Sikkim.

1914. ORTHOSIA ERUBESCENS.

Orthosia erubescens, Butler, Ann. Mag. N. H, (5), 5, p. 224, (1880).
——————— ——— Proc. Zool. Soc. Lond. 1881, p. 618.
I. M., Kulu (Young).
Collection Swinhoe, Nilgiri Hills, Kasauli, and Sikkim.

1915. Orthosia externa.

Orthosia externa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
———————Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

I. M., Sikkim.
Collection Swinhoe, Kasauli.

1916. Orthosia infrequens.

Orthosia infrequens, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47, fig. 11.

Collection Swinhoe, Karachi.

1917. Orthosia rectivitta.

Orthosia rectivitta, Moore, Proc. Zool. Soc. Lond. 1881, p. 353.
———————————Descr. Ind. Lep. Atk. ii, p. 120, (1882).

Sikkim.

1918. Orthosia sinens.

Orthosia sinens, Walker, Cat. Lep. Het. B. M. xi, p. 746, (1857).

India.

1919. Orthosia uniformis.

Orthosia uniformis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350, pl. 9, fig. 6.

Collection Swinhoe, Quetta.

Genus **Tæniocampa.**

1920. Tæniocampa castaneipars.

Tæniocampa castaneipars, Moore, Descr. Ind. Lep. Atk. ii, p. 122, (1882).

Sikkim.
Allied to *T. leucographa* of Europe.

1921. Tæniocampa chiklika.

Tæniocampa chiklika, Moore, Ann. Mag. N. H. 5, i, p. 234, (1878).
——————————— 2nd Yarkand Miss. Lep. 1879, p. 11, pl. 1, fig. 11.

Yarkand.

Genus **Ranaja.**

1922. Ranaja fasciata.

Ranaja fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 121, pl. iv, fig. 18, (1882).

Sikkim.

Genus **Dimya.**

1923. DIMYA SINUATA.

Dimya sinuata, Moore, Descr. Ind. Lep. Atk. ii, p. 122, pl. 4, fig. 17, (1882).

Sikkim.

Genus **Aramuna.**

1924. ARAMUNA MARGINATA.

Aramuna marginata, Moore, Lep. Ceyl. iii, p. 36, pl. 149, fig. 6, (1884).

Ceylon.

FAMILY HADENIDÆ.

Genus **Eurois.**

1925. EUROIS AURIPLENA.

Eurois auriplena, Walker, Cat. Lep. Het. B. M. xi, p. 557, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
Hadena auriplena, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
Trachea auriplena, Moore, Lep. Ceyl. iii, p. 37, pl. 148, fig. 2, (1884).

I. M., N. Khasi Hills, Sibsagar (Peal), Kulu (Young), Sikkim (purchased, also Bârnes).
Collection Swinhoe, Sikkim, Kulu, Nilgiri Hills.
Also recorded from Ceylon.

1926. EUROIS CRASSIPENNIS.

Eurois crassipennis, Walker, Cat. Lep. Het. B. M. xi, p. 558, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Collection Swinhoe, Punjab.
Also recorded from Sylhet.

1927. EUROIS INCLUSA.

Eurois inclusa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 725, (1865).
———— Moore, Lep. Ceyl. iii, p. 37, (1884).

Ceylon.

1928. EUROIS MAGNIFICA.

Eurois magnifica, Moore, Descr. Ind. Lep. Atk. ii, p. 127, (1882).

Collection Swinhoe, Dharmsala.
Also recorded from Sikkim.
Allied to the European *E. occulta* and the Japanese *E. virens*.

1929. EUROIS REPUGNANS.

Eurois repugnans, Walker, Cat. Lep. Het. B. M. xi, p. 751, (1857).

India.

1930. Eurois turbata.

Eurois turbata, Walker, Cat. Lep. Het. B. M. xv, p. 1720, (1858).
N. India.

Genus **Hadena.**

1931. Hadena adjuncta.

Hadena adjuncta, Moore, Proc. Zool. Soc. Lond. 1881, p. 357.
Dalhousie.
Allied to the European *H. satura*.

1932. Hadena albidisca.

Hadena albidisca, Moore, Proc. Zool. Soc. Lond. 1867, p. 59, pl. 6, fig. 17.
Bengal.

1933. Hadena atrovirens.

Hadena atrovirens, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).
I. M., Khasi Hills (purchased), Sikkim (De Niceville).

1934. Hadena constellata.

Hadena constellata, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 21, (1882).
Sikkim.
Allied to *H. satura* and *H. confundens* of Europe.

1935. Hadena distans.

Hadena distans, Moore, Descr. Ind. Lep. Atk. ii, p. 130, (1882).
Collection Swinhoe, Kasauli.
Also recorded from Sikkim and the Khasi Hills.
Allied to *H. indistans*.

1936 Hadena hastata.

Hadena hastata, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 20, (1882).
Sikkim.

1937. Hadena indistans.

Hadena indistans, Guén., Noct. ii, 87, 786*.
———— Walker, Cat. Lep. Het. B. M., xi, p. 592, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Hadena confundens, Walker, *loc. cit.* xi, p. 757, (1857); & xxxiii, p. 727, (1865).
Hadana inextricans, Walker, *loc. cit.* xv, p. 1729, (1858).
Astrapetis indistans, Moore, Lep. Ceyl. iii, p. 38, pl. 148, fig. 5, (1884).
Collection Swinhoe, Poona, Bombay.
Also recorded from Central India and Ceylon.

1938. HADENA LANCEOLA.

Hadena lanceola, Moore, Proc. Zool. Soc. Lond. 1867, p. 59.

Bengal.

1939. HADENA MEDIA.

Hadena media, Walker, Cat. Lep. Het. B. M, xi, p. 756, (1857); & xxxiii, p. 727, (1865).

Canara.

1940. HADENA NIVEIPLAGA.

Hadena niveiplaga, Walker, Cat. Lep. Het. B. M., xi, p. 593, (1857).

I. M., Kulu (Young).
Collection Swinhoe, Kasauli, Sikkim.

1941. HADENA RUPTISTRIGA.

Hadena ruptistriga, Walker, Cat. Lep. Het. B. M. xxxiii, p. 739, (1865).
Astrapetis ruptistriga, Moore, Lep. Ceyl. iii, p. 33, (1884).

Ceylon.

1942. HADENA SIDERIFERA.

Hadena siderifera, Moore, Proc. Zool. Lond. 1881, p. 357.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

I. M., Kulu (Young).
Collection Swinhoe, Simla, Sikkim, and Nilgiri Hills.
Allied to *H. albiflexura* and *H. constellata*.

1943. HADENA SPARGENS.

Hadena spargens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 739, (1865).

India.

1944. HADENA STOLICZKANA.

Hadena stoliczkana, Moore, Ann. Mag. N. H. (5) i, p. 234, (1878).
——————— 2nd Yarkand Mission, Lep. 1879, p. 11, pl. 1, fig. 12.

I. M, Moore's type (2nd Yarkand Mission).

Genus **Berrhæa**.

1945. BERRHÆA ALBINOTA.

Hadena albinota, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
Berrhæa albinota, Moore, Proc. Zool. Soc. Lond. 1881, p. 356.
——————— Descr. Ind. Lep. Atk. ii, p. 129, (1882).

Bengal, Sikkim.

1946. BERRHÆA AURIGERA.

Berrhæa aurigera, Walker, Cat. Lep. Het. B. M. xv, p. 1721, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1881, p. 356.
——————— Descr. Ind. Lep. Atk. ii, p. 128, (1882).

Collection Swinhoe, Sikkim.

1947. Berrhæa megastigma.

Hadena megastigma, Walker, Cat. Lep. Het. B. M. xxxiii, p. 738, (1865); and xxxv, p. 1961, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
Berrœa megastigma, Moore, Proc. Zool. Soc. Lond. 1881, p. 356.
——————— Descr. Ind. Lep. Atk. ii, p. 129.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1948. Berrhæa olivacea.

Berrhæa olivacea, Moore, Proc. Zool. Soc. Lond. 1881, p. 357.
——————— Descr. Ind. Lep. Atk. ii, p. 129, (1882).

Sikkim.
Allied to *B. megastigma*.

Genus **Dianthecia**.

1949. Dianthecia auroviridis.

Hadena auroviridis, Moore, Proc. Zool. Soc. Lond. 1867, p. 59, pl. 6, fig. 11.

Collection Swinhoe, Nilgiri Hills.
Also recorded from Bengal.

1950. Dianthecia calamistrata.

Dianthecia calamistrata, Moore, Descr. Ind. Lep. Atk. ii, p. 124, pl. 4, fig. 23, (1882).

Sikkim.
Allied to *D. perplexa*.

1951. Dianthecia confluens.

Dianthecia confluens, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 20.
——————— Descr. Ind. Lep. Atk. ii, p. 123, (1882).

Sikkim.

1952. Dianthecia literata.

Dianthecia literata, Moore, Descr. Ind. Lep. Atk. ii, p. 124, (1882).

Sikkim.

1953. Dianthecia luteifrons.

Dianthecia luteifrons, Walker, Cat. Lep. Het. B. M., xi, p. 751, (1857); and xxxiii, p. 721, (1865).

N. India.

1954. Dianthecia stellifera.

Dianthecia stellifera, Moore, Descr. Ind. Lep. Atk. ii, p. 123, (1882).

Sikkim.

1955. DIANTHECIA VENOSA.

Dianthecia venosa, Moore, Descr. Ind. Lep. Atk. ii, p. 124, (1882).

Sikkim.

Allied to *D. literata*.

Genus **Euplexia.**

1956. EUPLEXIA ALBOVITTATA.

Euplexia albovittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. 6, fig. 16.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1960, (1866).
——————— Butler, Ann. Mag. Nat. Hist. (5), 5, p. 225, (1880).

I. M., Kasauli (Swinhoe), N. Khasi Hills, Sikkim.

Collection Swinhoe, Nilgiri Hills, Sikkim, Kasauli, and Thundiani.

1957. EUPLEXIA CUPREA.

Euplexia cuprea, Moore, Proc. Zool. Soc. Lond. 1874, p. 578.

Simla.

1958. EUPLEXIA DISCISIGNATA.

Euplexia discisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. 6, fig. 9.
——————— Walker, Cat. Lep. Het. B. M., xxxv, p. 1960, (1866).

I. M., Sikkim (purchased).

1959. EUPLEXIA DISTORTA.

Euplexia distorta, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 18.
——————— Descr. Ind. Lep. Atk. ii, p. 125, (1882).

Sikkim.

1960. EUPLEXIA SINUATA.

Euplexia sinuata, Moore, Descr. Ind. Lep. Atk. ii, p. 125, pl. 4, fig. 25, (1882).

Sikkim.

1961. EUPLEXIA SEMIFASCIA.

Hadena semifascia, Walker, Cat. Lep. Het. B. M. xxxiii, p. 737, (1865).
Euplexia semifascia, Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

I. M. No locality (Swinhoe).

Collection Swinhoe, Kulu, Dharmsala, Nilgiri Hills, and Satara.

1962. EUPLEXIA STRIATOVIRENS.

Euplexia striatovirens, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).

Collection Swinhoe, Sikkim.

Genus **Anarta.**

1963. ANARTA GEMMIFERA.

Plusia gemmifera, Walker, Cat. Lep. Het. B. M. xii, p. 934, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
Anarta gemmifera, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
Nilgiri Hills.

1964. ANARTA LADAKENSIS.

Anarta ladakensis, Felder & R. Reise, Novara Lep., pl. 108, fig. 38, (1864-75).

Himalayas.

Genus **Radinacra.**

1965. RADINACRA PLACIDA.

Radinacra placida, Moore, Lep. Ceyl. iii, p. 30, pl. 147, fig. 4, (1884).
Ceylon.

1966. RADINACRA RENALIS.

Radinacra renalis, Moore, Lep. Ceyl. iii, p. 30, pl. 147, fig. 4*a*, (1884).
Ceylon.

1967. RADINACRA THORACICA.

Radinacra thoracica, Moore, Lep. Ceyl. iii, p. 31, pl. 148, fig. 4, (1884).
Ceylon.

1968. RADINACRA VARIANA.

Radinacra variana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 444, pl. 40, fig. 10.

Collection Swinhoe, Mhow.

Genus **Hecatera.**

1969. HECATERA MODESTA.

Hecatera modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 125 (1882).
Cashmir.
Allied to *H. magnolii* and *H. xanthocyanea* of Europe.

1970. HECATERA TRANSVERSA.

Hecatera transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 125 (1882).

Cashmir.
Allied to *H. serena* of Europe.

Genus **Sarbanissa.**

1971. SARBANISSA INSOCIA.

Sarbanissa insocia, Walker, Cat. Lep. Het. B. M. xxxiii, p. 746, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 60.

Sikkim.

Genus **Checupa.**

1972. CHECUPA FORTISSIMA.

Checupa fortissima, Moore, Proc. Zool. Soc. Lond. 1867, p. 60, pl. 6, fig. 5.
Sikkim.

Genus **Chutapha.**

1973. CHUTAPHA COSTALIS.

Chutapha costalis, Moore, Descr. Ind. Lep. Atk. ii, p. 131, (1882).
Sikkim.

Genus **Nikara.**

1974. NIKARA CASTANEA.

Nikara castanea, Moore, Descr. Ind. Lep. Atk. ii, p. 126, pl. 4, fig. 24, (1882).

Sikkim.

Genus **Appana.**

1975. APPANA INDICA.

Phlogophora indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 57.
Appana indica, Moore, Proc. Zool. Soc. Lond. 1881, p. 355.
——————— Descr. Ind. Lep. Atk. ii, p. 127, (1882).
Collection Swinhoe, Sikkim.
Also recorded from Bengal.

Genus **Dryobata.**

1976. DRYOBATA LEUCOSTICTA.

Dryobata leucosticta, Moore, Descr. Ind. Lep. Atk. ii, p. 129, pl. 4, fig. 22, (1882).

Sikkim.
Allied to the European *D. roboris*.

Genus **Trigonophora.**

1977. TRIGONOPHORA ALBOSIGNATA.

Trigonophora albosignata, Moore, Proc. Zool. Soc. Lond. 1881, p. 355.
N.-W. Himalayas.
Allied to the European *T. empyrea*.

Genus **Hyada.**

1978. HYADA GRISEA.

Hyada grisea, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 26, (1882).
Sikkim.

Genus **Charidea.**

1979. CHARIDEA QUINQUE-BRUNNEUM.

Charidea quinque brunneum, Guén., Noct. ii, 62, 750.*
———— Walker, Cat. Lep. Het. B. M. xi, p. 538, (1857).

Pondicherry.

FAMILY NOCTUIDÆ.

Genus **Agrotis.**

1980. AGROTIS AQUILINA.

Noctua aquilina, Schiff., Wien. Verz. 80, 6.*
———— Bork., Eur. Schmett 156.*
———— Hübn., Samml. Eur. Schmett Noct., pl. 29, fig. 135.*
———— God., Hist. Nat. Lep. Fr. v, pl. 115, fig. 635.*
Noctua domestica, Fabr., Ent. Syst. iii, 2, p. 23, No. 48, (1794).
Noctua nigrofusca, Esp., Schmett iv, pl. 127, fig. 6.*
var. *Agrotis vitta*, Treit., Schmett v, i, 132, 5.*
———— Steph., Ill. Brit. Ent. Haust. ii, 120.*
Noctua vitta, Esp., Schmett, pl. 143, fig. 6.*
———— Bork, Eur. Schmett iv, 191 (?).*
———— Hübn., Eur. Schmett Noct., figs. 533, 534.*
———— God., Hist. Nat. Lep. Fr. v, pl. 64, figs. 4 & 5.*
Noctua (Agrotis) vitta, Meig., Syst. Besch. iii, 83, 3, pl. 92, fig. 12.*
Metaxya aquilina, Meig., Syst. Besch. iii, 84, 4, pl. 93, fig. 7.*
Noctua tritici, God., Hist. Nat. Lep. Fr. v, pl. 65, figs. 4, 5.*
Agrotis aquilina, Treit., Schmett. Eur. v, i, 134, 6.*
———— Boisd., Ind. Meth., 110, 841, (1840).
———— Guén., Ann. Soc. Ent. Fr. (1), vi, 355, (1837).
———— Noct. i, 289, 472.*
———— Walker, Cat. Lep. Het. B. M. x, p. 321, (1856).
———— Moore, 2nd Yarkand Miss. Lep., p. 10, (1879).

I. M., Yarkand (2nd Mission).
Also recorded from Europe.

1981. AGROTIS ARISTIFERA.

Agrotis aristifera, Guén., Noct. i, p. 266, No. 426, (1852)*.
———— Walker, Cat. Lep. Het. B. M., x, p. 344, (1856).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 160 ; and 1886, p. 380.
———— Moore, Lep. Ceyl. iii, p. 32, pl. 147, fig. 5, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516 ; 1885, p. 453 ; and 1886, p. 444.
Agrotis munda, Walker, Cat. Lep. Het. B. M. x, p. 348, (1856).

I. M., Mhow (Swinhoe), Solun (Swinhoe), no locality (Karachi Museum), Kulu (Young).
Collection Swinhoe, Solun, Mhow, Karachi, Poona, Nilgiri Hills.
Also recorded from Central India, Ceylon, Australia, and New Zealand.

1982. AGROTIS AVERSA.

Agrotis aversa, Walker, Cat. Lep. Het. B. M. x, p. 345, (1856).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349.
———— Butler, Proc. Zool. Soc. Lond., 1886, p. 380.
Caradrina triturata, Walker, *loc. cit.* x, p. 295, (1856).
Agrotis certificata, Walker, *loc. cit.* xxxii, p. 697, (1865).

Collection Swinhoe, Candahar.
Also recorded from Murree.

1983. AGROTIS CESPITIS.

Agrotis cespitis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349, pl. 9, fig. 4.

Collection Swinhoe, Quetta.

1984. AGROTIS CONFORMIS.

Agrotis conformis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349, pl. 9, fig. 5.

Collection Swinhoe, Quetta.

1985. AGROTIS CONGRUA.

Agrotis congrua, Walker, Cat. Lep. Het. xxxii, p. 695, (1865).
———— Moore, Lep. Ceyl. iii, p. 33, (1884).

Ceylon.

1986. AGROTIS CONSPURCATA.

Agrotis conspurcata, Walker, Cat. Lep. Het. xxxii, p. 696, (1865).
———— Moore, Lep. Ceyl. iii, p. 33, pl. 147, figs. 7, 7*a*, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.

Collection Swinhoe, Simla, Poona, Sikkim, Nilgiri Hills.
Also recorded from Ceylon.
Allied to *A. correcta* of Europe.

1987. AGROTIS CORRECTA.

Agrotis correcta, Walker, Cat. Lep. Het., x, p. 345, (1856).

Collection Swinhoe, Nilgiri Hills.
Also recorded from North India.

1988. AGROTIS FRATERNA.

Agrotis fraterna, Moore, Descr. Ind. Lep. Atk. ii, p. 116, (1882).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 160.

Collection Swinhoe, Simla, Kasauli, and Thundiani.
Also recorded from Sikkim and the Nilgiri Hills.
Allied to *A. corticea* of Europe.

1989. AGROTIS (?) HYBLÆA.

Agrotis hyblæa, Felder & R. Reise, Novara, pl. 103, fig. 43, (1864-75).

N.-W. Himalayas.

1990. Agrotis intaminata.

Agrotis intaminata, Walker, Cat. Lep. Het. xxxii, p. 698, (1865).

S. India.

1991. Agrotis intracta.

Agrotis intracta, Walker, Cat. Lep. Het., x, p. 346, (1856).

Nepal.

1992. Agrotis junctura.

Agrotis junctura, Moore, Proc. Zool. Soc. Lond. 1881, p. 351.

Dalhousie.
Allied to *A. hastifera* of Europe.

1993. Agrotis lassa.

Agrotis lassa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 444.

Collection Swinhoe, Mhow.
Allied to *A. repulsa*.

1994. Agrotis modesta.

Agrotis modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 351.

Collection Swinhoe, Cashmir.
Allied to *A. aquilina* of Europe.

1995. Agrotis placida.

Agrotis placida, Moore, Descr. Ind. Lep. Atk. ii, p. 117, pl. iv, fig. 19, (1882).

Cashmir, Calcutta.
Allied to *A. multangula* of Europe.

1996. Agrotis plagiata.

Agrotis plagiata, Walker, Cat. Lep. Het. B. M., xi, p. 740, (1857).
Tiracola plagiata, Moore, Proc. Zool. Soc. Lond. 1881, p 352.
——————— Descr. Ind. Lep. Atk. ii, p. 117.
——————— Lep. Ceyl. iii, p. 34, pl. 148, figs. 1 1*a* (1884).
Agrotis plagifera, Walker, Cat. Lep. Het. B. M. xi, p. 741, (1857).

Ceylon, S. India, Sikkim.

1997. Agrotis punctipes.

Agrotis punctipes, Walker, Cat. Lep. Het. B. M. xi, p. 695, (1857).
——————— Moore, Lep. Ceyl. iii, p. 32, (1884).

Ceylon.

1998. Agrotis quadrisigna.

Agrotis quadrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.
Chersotis qradrisigna, Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

I. M., Kulu (Young), no locality (Swinhoe).
Collection Swinhoe, Solun, Nilgiri Hills, Mahábleshwar.
Also recorded from Dehra.
Allied to the European species *A. labyrinthica*, *A. placida*, and *rectangula*.

1999. Agrotis repulsa.

Agrotis repulsa, Walker, Cat. Lep. Het. B. M. xxxii, p. 696, (1865).

S. India.

2000. Agrotis segetum.

Noctua segetum, Schiff., Wien. Verz., p. 252, (1776)*.
——————— Selys Longchamps, Ann. Soc. Ent. Belg. x, Comptes R., pp. viii–x, (1867).
Agrotis segetum, Newman, Zool. 1865, p. 9545.
——————— Guérin, Rev. et Mag. de Zool. 1864, p. 58.
——————— Wien., Verz. 81, 12, p.. 1, figs. 3*a*, *b*.*
——————— Taschenberg, Naturg. Wirbell. Thière 1865, p. 100, pl. I, figs. 8-10*.
——————— Künstler, Verh. Zool. Bot. Ges. Wien. xvii, p. 932, (1867).
——————— Moore, 2nd Yarkand Mission, p. 10, (1879).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453; and 1886, p. 444.
——————— Trans. Ent. Soc. Lond. 1885, p. 349.
Phalæna (*Noctua*) *segetis*, Linn. Syst. Nat. 1, v, p. 2539, No. 1018, (1788-93).

I. M., Prussia (exchange), Kulu (Young), Yarkand (2nd Mission), Solun (Swinhoe), Ceylon (Colombo Museum).

Collection Swinhoe, Solun, Nilgiri Hills, Mhow, Poona, Quetta, Dubrai, Sikkim, Hydrabad (Sind), Thundiani (Punjab).

2001. Agrotis suffusa.

Noctua suffusa, Fabr., Mant. Ins. ii, p. 157, No. 155, (1787).
Phalæna (*Noctua*) *suffusa*, Linn., Syst. Nat. i, 5, p. 2541, No. 1028,(1788-93).
Agrotis suffusa, Treit., Schmett Eur. v, 1, 152, 15*.
——————— Steph., Ill. Brit. Haust. ii, 116*.
——————— Guén., Noct. i, p. 268*.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 53.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 160 ; & 1886, p. 380.
——————— Moore, Lep. Ceyl. iii, p. 33, pl. 147, fig. 6, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453; & 1886, p. 444.
——————— Trans. Ent. Soc. Lond. 1885, p. 349.
Phalæna idonea, Cram., Pap. Exot. iii, pl. 275, fig. H ; and pl. 311, fig. A, (1780).
Bombyx spinula, Esp., Schmett iii, pl. 63, figs. 6, 7.*
Peidroma suffusa, Hübn., Verz. Bek. Schmett, p. 227, No 2275, (1816).

I. M., Ghazipore, Kulu (Young), Calcutta (Cotes and De-Niceville).

Collection Swinhoe, Solun, Sikkim, Quetta, Mhow, Poona.

Also recorded from Europe, America, Australia, New Zealand, Africa, China, Ceylon.

2002. Agrotis tibetana.

Agrotis tibetana, Moore, Ann. Mag. N. H. 5, i, p. 233, (1878).
——————— 2nd Yarkand Mission Lep., p. 10, pl. 1, fig. 16, (1879).

I. M., Type, Moore (2nd Yarkand Mission).

2003. Agrotis vana.

Agrotis vana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453, pl. 27, fig. 9.
Collection Swinhoe, Satara, Poona.

Genus **Spælotis.**

2004. Spælotis coruscantis.

Spælotis coruscantis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348, pl. 9, fig. 3.
Collection Swinhoe, Chaman (S. Afghanistan).

2005. Spælotis fragilis.

Spælotis fragilis, Butler, Proc. Zool. Soc. Lond. 1883, p. 160.
Collection Swinhoe, Solun.
Allied to *S. decora* of Europe.

2006. Spælotis indiana.

Agrotis indiana, Guén., Noct. i, 302, 500*.
Spælotis indiana, Walker, Cat. Lep. Het., x, p. 372, (1856).
India.

2007. Spælotis undulans.

Spælotis undulans, Moore, Ann. Mag. N. H. (5), i, p. 233, (1878); and ix, p. 210, (1882).
——————— 2nd Yarkand Mission Lep., p. 10, pl. 1, fig. 10, (1879).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
——————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348.
——————— Proc. Zool. Soc. Lond. 1884, p. 516.
I. M., Type Moore (2nd Yarkand Mission).
Collection Swinhoe, S. Afghanistan.
Also recorded from Karachi.
Allied to *S. pyrophila* of Europe.

Genus **Graphiphora.**

2008. Graphiphora basistriga.

Graphiphora basistriga, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
Sikkim.

2009. Graphiphora cerastioides.

Graphiphora cerastioides, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866).
I. M., Sikkim.

2010. Graphiphora cognata.

Graphiphora cognata, Moore, Descr. Ind. Lep. Atk. ii, p. 119, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.
Collection Swinhoe, Sikkim, Poona, Khandalla.

2011. GRAPHIPHORA FASCIATA.

Graphiphora fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866).

Sikkim.

2012. GRAPHIPHORA FLAVIRENA.

Graphiphora flavirena, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38, fig. 3.
——————— Descr. Ind. Lep. Atk. ii, p. 118, (1882).

Sikkim.
Allied to *G. neglecta*.

2013. GRAPHIPHORA FRONTALIS.

Graphiphora frontalis, Moore, Lep. Ceyl. iii, p. 35, pl. 148, fig. 3, (1884).
Ceylon.

2014. GRAPHIPHORA INTERSTINCTA.

Graphiphora interstincta, Moore, Descr. Ind. Lep. Atk. ii, p. 118, (1882).
Sikkim.
Allied to the European *G. bella*.

2015. GRAPHIPHORA NIGROSIGNA.

Graphiphora nigrosigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38, fig. 4.
——————— Descr. Ind. Lep. Atk. ii, p. 118, (1882).

Sikkim.
Allied to *G. bella* of Europe.

2016. GRAPHIPHORA C-NIGRUM.

Phalæna (*Noctua*) *c-nigrum*, Linn., Faun. Suec. 1193*.
——————— Clerck, Icon., pl. i, fig. 3*.
——————— Linn., Syst. Nat. i, 5, p. 2542, No. 162, (1788-93).
Noctua c-nigrum, Wien., Verz. 77, 7*.
——————— Fabr., Mant. Ins. ii, p. 154, No. 140, (1787).
——————— Kock., Beit. Ins. iii, pl. 5, fig. 1*.
——————— Bork., Eur. Schmett iv, 492, 194*.
——————— Hübn., Samml. Eur. Schmett Noct., pl. 24, fig. 111*.
——————— Haw., Lep. Brit. 191*.
——————— Treit., Schmett Eur. v, 237, 13*.
——————— God., Hist. Nat. Lep. Fr. ii, 177, pl. 6, fig. 1*.
——————— Boisd., Ind. Meth. p. 104, No. 777, (1840).
——————— Guén., Ann. Soc. Ent. Fr. (1), vi, p. 363, (1837).
——————— Noct. i, 328, 545*.
——————— Meig., Syst. Besch. iii, 100, 34, pl. 93, fig. 4*.
Bombyx non-atrum, Esp., Schmett, Text, 385*.
——————— Bork., Eur. Schmett 195*.
Noctua gothica (var. *singularis*), Esp., Schmett iii, pl. 76, fig. 3*.
Megasema c-nigrum, Hübn., Verz. Bek. Schmett, p. 223, No. 2231, (1816).
Graphiphora c-nigrum, Steph., Ill. Brit. Ent. Haust. ii, 136*.
——————————. Westw., & H., Brit. Moths, ii, 132, pl. 26, figs. 4, 5*.

GRAPHIPHORA C-NIGRUM—*continued.*

Graphiphora c-nigrum, Walker, Cat. Lep. Het. B. M. x, p. 389, (1856).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
——— Butler, Ann. Mag. N. H. (5), 5, p. 224, (1880).
———— Proc. Zool. Soc. Lond. 1883, p. 161.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.

I. M., Kulu (Young), N. Khasi Hills, Ootacamund (Davison), Bombay (Swinhoe), Prussia (exchange).
Collection Swinhoe, Simla, Nilgiri Hills, Bombay.
Also recorded from Europe.

2017. GRAPHIPHORA RUBICILIA.

Graphiphora rubicilia, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.
——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866).

Sikkim.

2018. GRAPHIPHORA STELLATA.

Graphiphora stellata, Moore, Descr. Ind. Lep. Atk. ii, p. 119, (1882).
Khasi Hills, Sikkim.

2019. GRAPHIPHORA VULPINA.

Graphiphora vulpina, Moore, Descr. Ind. Lep. Atk. ii, p. 118, (1882).
Sikkim.
Allied to *G. sobrina* and *G. festiva* of Europe.

Genus **Ochropleura.**

2020. OCHROPLEURA CONSANGUINEA.

Ochropleura consanguinea, Moore, Proc. Zool. Soc. Lond. 1881, p. 353.
Solun, Dalhousie.
Allied to *O. renalis.*

2021. OCHROPLEURA COSTALIS.

Ochropleura costalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1960, (1866).

Collection Swinhoe, Sikkim.

2022. OCHROPLEURA COSTIGERA.

Agrotis costigera, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.
——— Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Collection Swinhoe, Solun.
Also recorded from Cherrapunji.

2023. Ochropleura ditrapezium.

Noctua ditrapezium, Bork., Schmett Eur. iv, 515, 206*.
——————— Wien. Verz. 312, 8, 9 (♀)*.
——————— Hübn., Samml. Eur. Schmett Noct., pl. 100, fig. 472*.
——————— Treit., Schmett Eur. Suppl. x, 36*.
——————— Guén., Ann. Soc. Ent. Fr. p. 363, vi, (1837).
——————— Noct. i, 329, 547*.
Noctua tristigma, Och., Syst. Gloss. Schmett von Eur. iv*.
——————— Treit., Schmett Eur. v, 253, 15*.
——————— Boisd., Ind. Meth. p. 105, No. 778, (1840).
Megasema ditrapezium, Hübn., Verz. Bek. Schmett p. 223, No. 2229, (1816).
Graphiphora ditrapezium, Steph., Cat. Brit. Lep. 71*.
——————— Walker, Cat. Lep. Het. B. M. x, p. 390, (1856).

Collection Swinhoe, Solun.
Also recorded from Europe.

2024. Ochropleura flammatra.

Phalæna flammatra, Linn. Syst. Nat. i, 5, p. 2543, No. 1034, (1788-93).
Noctua flammatra, Fabr., Mant. Ins. ii, p. 155, No. 147, (1787).
——————— Ent. Syst. iii, 2, p. 67, No. 190, (1794).
Oggia flammatra, Hübn., Verz. Bek. Schmett p. 225, No. 2252, (1816).
Ochropleura flammatra, Walker, Cat. Lep. Het. B. M., x, p. 408, (1856).
——————— Guén., Noct. i, p. 327*.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 55.
Agrotis basiclavis, Walker, Cat. Lep. Het. B. M., x, p. 346, (1856); and xi, p. 740, (1857).

I. M., Delhi, Kulu (Young).
Collection Swinhoe, Solun, Campbellpore.
Also recorded from Europe and Brazil.

2025. Ochropleura renalis.

Ochropleura renalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Bengal.

2026. Ochropleura spilota.

Ochropleura spilota, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Bengal.

2027. Ochropleura triangularis.

Ochropleura triangularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.
——————— Swinhhoe, Proc. Zool. Soc. Lond. 1885, p. 453.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

I. M., Sikkim.
Collection Swinhoe, Sikkim, Satara, Dharmsala.
Also recorded from Murree.
Allied to *O. musiva* of Europe.

Genus **Epilecta.**

2028. Epilecta confecta.

Triphæna confecta, Walker, Cat. Lep. Het. B. M., xv, p. 1705, (1858).

India.

2029. Epilecta opulenta.

Epilecta opulenta, Moore, MS.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 160.
Collection Swinhoe, Sikkim, Dharmsala, Nilgiri Hills.

2030. Epilecta pulcherrima.

Epilecta pulcherrima, Moore, Proc. Zool. Soc. Lond. 1867, p. 54, pl. 6, fig. 3.
I. M., Sikkim.

2031. Epilecta semiherbida.

Triphæna semiherbida, Walker, Cat. Lep. Het. B. M., xi, p. 743, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 160.
Epilecta semiherbida, Butler, Ill. Typ. Lep. vi, p. 34, pl. 110, fig. 1, (1886).
Collection Swinhoe, Dharmsala.
Also recorded from Sikkim.

Genus **Megasema.**

2032. Megasema cinnamomea.

Megasema cinnamomea, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38, fig. 6.
——————————— Descr. Ind. Lep. Atk. ii, p. 119, (1882).
Sikkim.

Genus **Hermonassa.**

2033. Hermonassa chalybeata.

Hermonassa chalybeata, Moore, Proc. Zool. Soc. Lond. 1881, p. 353, pl. 38, fig. 17.
——————————— Descr. Ind. Lep. Atk. ii, p. 119, (1882).
Sikkim.
Allied to *H. consignata*.

2034. Hermonassa consignata.

Hermonassa consignata, Walker, Cat. Lep. Het. B. M., xxxii, p. 632, (1865).
——————————Moore, Proc. Zool. Soc. Lond. 1867, p. 49.
I. M., specimens with no history.
Collection Swinhoe, Sikkim.

2035. Hermonassa cuprina.

Hermonassa cuprina, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Collection Swinhoe, Sikkim.

2036. Hermonassa incisa.

Hermonassa incisa, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Sikkim.

2037. Hermonassa lunata.

Hermonassa lunata, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Cashmir.

2038. Hermonassa sinuata.

Hermonassa sinuata, Moore, Proc. Zool. Soc. Lond. 1881, p. 353, pl. 38, fig. 5.
———————— Descr. Ind. Lep. Atk. ii, p. 120, (1882).

Sikkim.
Allied to *H. cuprina*.

Genus **Rusina**.

2039. Rusina docilis.

Rusina docilis, Walker, Cat. Lep. Het. B. M., xi, p. 735, (1857).
N. India.

Family APAMIIDÆ.

Genus **Berresa**.

2040. Berresa natalis.

Berresa natalis, Walker, Cat. Lep. Het. B. M. xvi, p. 214, (1858).
———————— Moore, Lep. Ceyl. iii, p. 26, pl. 146, fig. 3, (1884).

Ceylon.

Genus **Dipterygia**.

2041. Dipterygia indica.

Dipterygia indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 51.
Sikkim.

2042. Dipterygia sikkima.

Dipterygia sikkima, Moore, Descr. Ind. Lep. Atk. ii, p. 105, (1882).
Sikkim.

2043. Dipterygia subcurva.

Hadena subcurva, Walker, Cat. Lep. Het. B. M., xi, p. 592, (1857).
Hadena postica, Walker, *loc. cit.*, p. 594.
Dipterygia subcurva, Moore, Lep. Ceyl. iii, p. 17, pl. 145, fig. 8, (1884).
Ceylon.

Genus **Sasunaga**.

2044. Sasunaga tenebrosa.

Hadena tenebrosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 59.
Sasunaga tenebrosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 343.
———————— Descr. Ind. Lep. Atk. ii, p. 106, (1882).
———————— Lep. Ceyl. iii, p. 16, pl. 145, fig. 7, (1884).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.

Collection Swinhoe, Poona.
Also recorded from Bengal and Sikkim.

Genus **Thalpophila.**

2045. Thalpophila callopistrioides.

Thalpophila callopistrioides, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.

N. India.

2046. Thalpophila cuprea.

Thalpophila cuprea, Moore, Proc. Zool. Soc. Lond. 1877, p. 604, pl. 59, fig. 10.

Andaman Islands.

2047. Thalpophila delineata.

Thalpophila delineata, Moore, Lep. Ceyl. iii, p. 25, pl. 146, fig. 5, (1884).

Ceylon.

2048. Thalpophila indica.

Thalpophila indica, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.

N.-W. Himalayas.
Allied to the European *T. texta*.

Genus **Apamea.**

2049. Apamea basalis.

Apamea basalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 346.

Dalhousie.

2050. Apamea consanguis.

Hadena consanguis, Guén., Noct. ii, p. 97, 810*.
———— Walker, Cat. Lep. Het. B. M., xi, p. 593, (1857).
Apamea undicilia, Walker, *loc. cit.*, ix, p. 251, (1856).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
Apamea consanguis, Moore, Lep. Ceyl. iii, p. 28, (1884).

Collection Swinhoe, Umballa, Solun, Sikkim.
Also recorded from Central India and Ceylon.

2051. Apamea cuprina.

Apamea cuprina, Moore, Proc. Zool. Soc. Lond. 1881, p. 345, pl. 38, fig. 2.
———— Descr. Ind. Lep. Atk. ii, p. 107, (1882).

Sikkim.
Allied to *A. leucostigma*.

2052. Apamea denticulosa.

Apamea denticulosa, Moore, Descr. Ind. Lep. Atk. ii, p. 109, pl. 4, fig. 13, (1882).

Sikkim.

2053. Apamea flavistigma.

Xylophasia flavistigma, Moore, Proc. Zool. Soc. Lond., 1867, p. 50.
Bengal.

2054. Apamea latifasciata.

Apamea latifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 345.
Collection Swinhoe, Kulu.
Also recorded from Manpuri.

2055. Apamea leucostigma.

Xylophasia leucostigma, Moore, Proc. Zool. Soc. Lond., 1867, p. 51.
Bengal.

2056. Apamea mucronata.

Apamea mucronata, Moore, Proc. Zool. Soc. Lond. 1881, p. 345, pl. 38, fig. 8.
——————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.
I. M., Kulu (Young).
Collection Swinhoe, Poona, Khandalla, Nilgiri Hills.
Also recorded from Sikkim.
Allied to *A. consanguis*.

2057. Apamea nubila.

Apamea nubila, Moore, Proc. Zool. Soc. Lond. 1881, p. 346, pl. 38, fig. 10.
——————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).
Sikkim.

2058. Apamea obliquiorbis.

Apamea obliquiorbis, Moore, Descr. Ind. Lep. Atk. ii, p. 109, (1882).
Sikkim.
Allied to *A. flavistigma*.

2059. Apamea pannosa.

Apamea pannosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 345.
——————— Lep. Ceyl. iii, p. 27, pl. 147, fig. 1, (1884).
Collection Swinhoe, Ceylon.
Also recorded from the Nilgiri Hills.

2060. Apamea selecta.

Xylophasia selecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 646, (1865).
India.

2061. Apamea sikkima.

Apamea sikkima, Moore, Descr. Ind. Lep. Atk. ii, p. 109, (1882).
Sikkim.

2062. Apamea strigidisca.

Apamea strigidisca, Moore, Proc. Zool. Soc. Lond. 1881, p. 346, pl. 38, fig. 9.
——————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).

Sikkim.

2063. Apamea viriata.

Apamea viriata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.

Collection Swinhoe, Poona, Khandalla, Nilgiri Hills.
Closely allied to *A. latifasciata*.

Genus **Motama**.

2064. Motama aurata.

Motama aurata, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 10, (1882).

Sikkim.

2065. Motama cidarioides.

Motama cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 9, (1882).

Sikkim.

2066. Motama decorata.

Motama decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 11, (1882).

Sikkim.

Genus **Mamestra**.

2067. Mamestra albiflexura.

Mamestra albiflexura, Walker, Cat. Lep. Het. B. M., xi, p. 726, (1857).

India.

2068. Mamestra albirena.

Mamestra albirena, Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

Calcutta, Sikkim.

2069. Mamestra brassicæ.

Phalæna (*Noctua*) *brassicæ*, Linn., Syst. Nat. i, 5, p. 2542, No. 163, (1788-93).
——————— Faun. Suec. p. 319, No. 1205, (1761).
Noctua brassicæ, Wien., Verz. 81, 21*.
——————— Fabr., Ent. Syst. iii, 2, p. 67, No. 189, (1794).
——————— Bork., Eur. Schmett iv, 584, 242*.
——————— Steph., Ins. ii, pl. 1*.
——————— Esp., Schmett, iv, pl. 159, figs. 1-6*.
——————— Hübn., Eur. Schmett Noct., pl. 18, fig. 88*.
——————— Haw., Lep. Brit. 191*.

MAMESTRA BRASSICÆ—*continued.*

Mamestra brassicæ, Treit., Schmett v, 2, 150, 9*.
——————— Dup., Hist. Nat. Lep. Fr. vii, 149, pl. 102, fig. 5*.
——————— Steph., Ill. Brit. Ent. Haust. ii, 194*.
——————— Westw. & H. Brit., Moths i, 174, pl. 36, figs. 8, 9.*
——————— Guén., Noct. i, 198, 314.
Hadena brassicæ, Boisd., Ind. Meth., p. 118, No. 915, (1840).
Polia brassicæ, Herr, Schäff. Eur. Schmett ii, 270, 269*.
Noctua (Mamestra) brassicæ, Meig., Handb. 166, 45.*
——————— Syst. Besch. iii, 140, 106, pl. 104, fig. 11*.
Barathra brassicæ, Hübn., Verz. Bek. Schmett, p. 218, No. 2184, (1816).
Noctua albidilinea, Haw., Lep. Brit. 191*.
Mamestra albidilinea, Steph., Ill. Brit. Ent. Haust. ii, 195*.
Mamestra brassicæ, Walker, Cat. Lep. Het. B. M. ix, p. 230, (1856).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.

I. M., Prussia (exchange), Kulu (Young), Srinagar (2nd Yarkand Mission).
Collection Swinhoe, Solun, Kasauli, and Thundiani (Punjab).
Also recorded from Europe and Simla.

2070. MAMESTRA CANESCENS.

Mamestra canescens, Moore, Ann. Mag. N. H. (5), i, p. 233, (1878).

I. M., Type Moore (2nd Yarkand Mission).

2071. MAMESTRA CHALYBEATA.

Mamestra chalybeata, Walker, Cat. Lep. Het. B. M. xxxii, p. 665, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

I. M., Sikkim, N. Khasi Hills, Kulu (Young), Muddapore (Brooks).

2072. MAMESTRA CULTA.

Mamestra culta, Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Dalhousie.

2073. MAMESTRA DECORATA.

Mamestra decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 111, pl. iv, fig. 8, (1882).

Sikkim.

2074. MAMESTRA DOLOROSA.

Mamestra dolorosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 667, (1865).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451 and 1886, p. 443.

Collection Swinhoe, Solun, Mhow, Satara, Poona, Nilgiri Hills.
Also recorded from Ceylon.

2075. MAMESTRA INFAUSTA.

Mamestra infausta, Walker, Cat. Lep. Het. B. M., ix, p. 237, (1856).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Collection Swinhoe, Sikkim, Solun, Thundiani.
Also recorded from Sylhet.

2076. Mamestra metallica.

Mamestra metallica, Walker, Cat. Lep. Het. B. M. xxxii, p. 666, (1865) and xxxv, p. 1957, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

I. M., Sikkim.

2077. Mamestra nigrocuprea.

Mamestra nigrocuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Bengal.

2078. Mamestra opposita.

Mamestra opposita, Walker, Cat. Lep. Het. B. M. xxxii, p. 667, (1865).
——————— Moore, Lep. Ceyl. iii, p. 24, (1884).

Collection Swinhoe, Solun.
Also recorded from Ceylon and South India.

2079. Mamestra sikkima.

Mamestra sikkima, Moore, Proc. Zool. Soc. Lond. 1867, p. 53.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1957, (1866).

Collection Swinhoe, Sikkim.

2080. Mamestra stoliczkæ.

Mamestra stoliczkæ, Felder & R. Reise, Novara Lep., pl. 109, fig. 32, (1864-75).
——————— Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Collection Swinhoe, Darjiling.
Also recorded for Dalhousie, Sind, Cashmir.
Allied to *M. serratilinea* of Europe.

2081. Mamestra suffusa.

Mamestra suffusa, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Bengal.

2082. Mamestra renalba.

Mamestra renalba, Moore, Descr. Ind. Lep. Atk. ii, p. 111, (1882).

Sikkim.

Genus **Prospalta.**

2083. Prospalta albomaculata.

Mamestra albomaculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.
——————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1957, (1866).

I. M., Kulu (Young), Sikkim.

2084. PROSPALTA LEUCOSPILA.

Prospalta leucospila, Walker, Cat. Lep. Het. B. M. xiii, p. 1114, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Collection Swinhoe, Sikkim.
Allied to *P. stellata*.

2085. PROSPALTA STELLATA.

Prospalta stellata, Moore, Descr. Ind. Lep. Atk. ii, p. 111, (1882).

Sikkim.
Allied to *P. leucospila* and *P. albomaculata*.

Genus **Ilattia**.

2086. ILATTIA APICALIS.

Ilattia apicalis, Moore, Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2087. ILATTIA CALAMISTRATA.

Ilattia calamistrata, Moore, Proc. Zool. Soc. Lond. 1881, p. 348.

Khasi Hills.

2088. ILATTIA CEPHUSALIS.

Ilattia cephusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 209, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 604.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
——————— Moore, Lep. Ceyl. iii, p. 27, pl. 146, figs. 4, 4*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; 1885, p. 451; and 1886, p. 443.
Amyna cephusalis, Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
Miana inornata, Walker, Cat. Lep. Het. B. M. xxxii, p. 677, (1865).
Perigea leucospila, Walker, *loc. cit.* xxxii, p. 683.

Collection Swinhoe, Mhow, Karachi, Solun, Bombay, Poona, Nilgiri Hills.
I. M., Karachi, Poona and Bombay (Swinhoe).
Also recorded from Ceylon, the Andaman Islands, and China.

2089. ILATTIA CERVINA.

Ilattia cervina, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38, fig. 12.
——————— Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2090. ILATTIA CUPREIPENNIS.

Ilattia cupreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Collection Swinhoe, Sikkim.

Allied to *I. cephusalis*.

2091. ILATTIA MONILIS.

Ilattia monilis, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38, fig. 11.
——————— Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2092. Ilattia renalis.

Ilattia renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 113, (1882).

Sikkim.
Allied to *I. apicalis*.

Genus **Chandata.**

2093. Chandata partita.

Chandata partita, Moore, Descr. Ind. Lep. Atk. ii, p. 114, pl. 4, fig. 16, (1882).

Sikkim.

Genus **Luperina.**

2094. Luperina lagenifera.

Luperina lagenifera, Moore, Descr. Ind. Lep. Atk. ii, 114, (1882).

Sikkim.

2095. Luperina olivascens.

Luperina olivascens, Moore, Descr. Ind. Lep. Atk. ii, p. 114, (1882).

Sikkim.

2096. Luperina pardaria.

Luperina pardaria, Moore, Lep. Atk. ii, p. 114, pl. 4, fig. 12, (1882).

Sikkim.

Genus **Pachætra.**

2097. Pachætra heterocampa.

Pachætra heterocampa, Moore, Descr. Ind. Lep. Atk. ii, p. 115, pl. 4, fig. 15, (1882).

Sikkim.

Genus **Perigea.**

2098. Perigea apameoides.

Perigea apameoides, Guén., Noct. i, p. 229*.
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

S. Andaman Islands, Calcutta.

2099. Perigea centralis.

Perigea centralis, Walker, Cat. Lep. Het. B. M. xi, p. 734, (1857).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 410.
——————— Moore, Lep. Ceyl. iii, p. 28, pl. 147, figs. 2, 2*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885. p. 451; and 1886, p. 443.
Celæna serva, Walker, *loc. cit.* xv, p. 1689, (1858).
Perigea serva, Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and p. 443*.
Perigea illecta, Walker, *loc. cit.*, xxxii, p. 684, (1865).

PERIGEA CENTRALIS—*continued.*

Perigea canorufa, Walker, *loc. cit.*, xxxii, p. 683, (1865).
Hadena spargens, Walker, *loc. cit.*, xxxiii, p. 739, (1865).
Hadena taprobanæ, Felder & R. Reise, Novara Lep., pl. 110, fig. 3, (1864-75).

I. M., Sikkim (Swinhoe), Kulu (Young), Sibsagar (Peal).
Collection Swinhoe, Solun, Sikkim, Mhow, Poona, Bombay, Nilgiri Hills.
Also recorded from Ceylon and the Andaman Islands.

2100. PERIGEA GALAXIA.

Perigea galaxia, Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
Collection Swinhoe, Solun, Mandi, Sikkim.

2101. PERIGEA SIKKIMENSIS.

Celæna sikkimensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38' fig. 16.
———— Descr. Ind. Lep. Atk. ii, p. 113, (1882).

Sikkim.

2102. PERIGEA SUPPLEX.

Perigea supplex, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 452.
Collection Swinhoe, Poona, Bombay.
Allied to *P. centralis*.

2103. PERIGEA TRICYCLA.

Perigea tricycla, Guén., Noct. i, p. 226, 359*.
———— Walker, Cat. Lep. Het. B. M., x, p. 275, (1856).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

Sylhet.

Genus **Amyna**.

2104. AMYNA SELENAMPHA.

Amyna selenampha, Guén., Noct. i, p. 406*.
———— Walker, Cat. Lep. Het. B. M., x, p. 300, (1856); and xv, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 53; 1877, p. 604.
———— Lep. Ceyl. iii, p. 30, pl. 147, figs. 3, 3*a*, (1884).
Alamis spoliata, Walker, *loc. cit.*, xiii, p. 1050, (1857).
Hadena latipennis, Walker, *loc. cit.* xxxiii, p. 738, (1865).

I. M., Buxa (Moti Ram), Ceylon (Colombo Museum), Sikkim (Swinhoe), Cachar (Wood-Mason), Sibsagar (Peal), Ranchi (Irvine).
Collection Swinhoe, Sikkim, Solun, Ceylon, Buxar, Bhootan, Nilgiri Hills.
Also recorded from Andaman Islands, Manilla, and China.

Genus **Caradrina.**

2105. CARADRINA ARENACEA.

Caradrina arenacea, Moore, Proc. Zool. Soc. Lond. 1881, p. 349.
——————————— Descr. Ind. Lep. Atk. ii, p. 115, (1882).
——————————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

I. M., Kulu (Young), Umballa (Swinhoe).
Collection Swinhoe, Umballa, Sikkim, Kulu, Solun.
Also recorded from Mussoorie.

2106. CARADRINA BELUCHA.

Caradrina belucha, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348, pl. 9, fig. 2.

Collection Swinhoe, Quetta.
Allied to *C. insignata*.

2107. CARADRINA BREMUSA.

Caradrina bremusa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.

Collection Swinhoe, Poona.

2108. CARADRINA CUBICULARIS.

Noctua cubicularis, Wein., Verz. 726*.
——————————— Bork., Eur. Schmett. iv, 212, 97*.
——————————— Hübn., Samml. Eur. Schmett Noct., pl. 89, fig. 417*.
——————————— Dup., Hist. Nat. Lep. Fr. vi, pl. 76, fig. 1*.
Noctua quadripunctata, Fabr., Sp. Ins. ii, p. 214, No. 25, (1781).
——————————— Mant. Ins. ii, p. 139, No. 35, (1787).
——————————— Ent, Syst iii, 2, p. 22, No. 46, (1794).
Phalæna quadripunctata, Linn., Syst. Nat. i, 5, p. 2535, No. 1003, (1788-93).
Noctua segetum, Esp., Schmett iv, pl. 150, figs. 4, 5*.
Athetis cubicularis, Hübn., Verz. Bek. Schmett, p. 209, No. 2091, (1816).
Caradrina cubicularis, Herr Schäffer, Eur. Schmett. 209, 87*.
——————————— Westw. & H. Brit., Moths. i, 145, pl. 29, fig. 15*.
——————————— Walker, Cat. Lep. Het. B. M., x, p. 291, (1856), and xi, p. 735, (1857).
——————————— Buckler, Entomologist, ii, p. 205, (1865).
——————————— Ent. M. Mag. i, p. 213, (1865).

Europe, India.

2109. CARADRINA DELECTA.

Caradrina delecta, Moore, Proc. Zool. Soc. Lond. 1881, p. 349, pl. 38, fig. 15.
——————————— Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Sikkim.
Allied to C. *kadeni* of Europe.

2110. CARADRINA DEROGATA.

Caradrina derogata, Walker, Cat. Lep. Het. B. M., xi, p. 687, (1857).

India.

2111. CARADRINA HÜGELI.

Caradrina hügeli, Felder & R. Reise, Novara Lep., pl. 109, fig. 13, (1864-75).

Natal, Bengal.

2112. CARADRINA INSIGNATA.

Caradrina insignata, Walker, Cat. Lep. Het. B. M., x, p. 295, (1856).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; and 1885, p. 451.

Collection Swinhoe, Karachi, Solun, Poona.
Also recorded from South Africa.

2113. CARADRINA PAUCIFERA.

Caradrina paucifera, Walker, Cat. Lep. Het. B. M., x, p. 298, (1856).
India.

2114. CARADRINA SABULOSA.

Caradrina sabulosa, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516, pl. 47, fig. 6.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 379.

Collection Swinhoe, Karachi, and Campbellpore.

2115. CARADRINA VENOSA.

Caradrina venosa, Butler, Ent. M. M. xvii, p. 7, (1880).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516.

Karachi.
Also recorded from Honolulu.

Genus **Dadica.**

2116. DADICA LINEOSA.

Dadica lineosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 349.
Punjab Hills.

Genus **Spodoptera.**

2117. SPODOPTERA CILIUM.

Spodoptera cilium, Guén., Noct. i, p. 156, (1852).*
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 51; and 1877, p. 604.
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and 1886, p. 444.
——————— Trans. Ent. Soc. Lond. 1885, p. 347.
Spodoptera insula, Walker, Cat. Lep. Het. B. M. xxxii, p. 648, (1865).
I. M., Andaman Islands, Karachi (Swinhoe).
Collection Swinhoe, Karachi, Umballa, Solun, Mhow, Bombay, Poona.
Also recorded from Quetta, Dubrai, and Java.

Genus **Prodenia.**

2118. PRODENIA APERTURA.

Prodenia apertura, Walker, Cat. Lep. Het. B. M. xxxii, p. 654, (1865).
———————— Moore, Lep. Ceyl. iii, p. 20, (1884).

Ceylon.
Possibly the female of *P. littoralis*.

2119. PRODENIA CARADRINOIDES.

Laphygma (?) caradrinoides, Walker, Cat. Lep. Het. B. M. ix, p. 190, (1856).
Prodenia caradrinoides, Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

Campbellpore.
Also recorded from South Africa.

2120. PRODENIA LITTORALIS.

Hadena littoralis, Boisd., Faun. Ent. Madag. Lep., p. 91, pl. 13, fig. 8, (1834).*
———————— Moore, Lep. Ceyl. iii, p. 19, pl. 146, figs. 1, 1*a*, 1*b*, (1884).
Neuria retina, Freyer, Beitr. Schmett v, p. 161, pl. 478, figs. 2, 3, (1846).*
———————— Herr Schäff., Eur. Schmett ii, p. 292, pl. 29, figs. 144 and 145.*
Prodenia retina, Guén., Noct. i, p. 163, (1852).*
———————— Walker, Cat. Lep. Het. B. M. ix, p. 192, (1856).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 410.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450; and 1886, p. 443.
Prodenia ciligera, Guén., Noct., p. 164, (1852).*
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 51; and 1877, p. 604.
Prodenia testaceoides, Guén., Noct., p. 165, pl. 6, fig. 7, (1852).*
———————— Walker, *loc. cit.*, p. 195, (1856).
Prodenia glaucistriga, Walker, *loc. cit.*, p. 197, (1856).
———————— Swinhoe, Proc. Zool Soc. Lond. 1885, p. 450.
———————— Butler, Ill. Typ. Lep. Het. vi, p. 34, pl. 109, fig. 9, (1886).
Prodenia subterminalis, Walker, *loc. cit.*, p. 196, (1856).
Prodenia declinata, Walker, *loc. cit.*, xi, p. 723, (1857).

I. M., Calcutta, Andaman Islands (purchased), Kulu (Young), Cachar (Wood-Mason), Nicobar Islands (De Niceville), Sibsagar, Shillong.
Collection Swinhoe, Kasauli, Poona, Bombay, Hydrabad (Sind), Mhow.
Also recorded from Europe, Africa, Madagascar, Madeira, Asia Minor, Ceylon, Formosa, Mauritius.

2121. PRODENIA NUBES.

Spodoptera nubes, Guén., Noct. i, p. 155, (1852).*
———————— Walker, Cat. Lep. Het. B. M. ix, p. 186, (1856); xxxii, p. 647, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1877, p. 604.
Spodoptera filium, Guén., Noct. 155, (1852).*
Prodenia infecta, Walker, *loc. cit.* ix, p. 196, (1856).

PRODENIA NUBES—*continued.*

Prodenia infecta Moore, Proc. Zool. Soc. Lond. 1867, p. 51.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 33, pl. 109, fig. 8, (1886).
Prodenia insignata, Walker, *loc. cit.* ix, p. 197, (1856).
Agrotis transducta, Walker, *loc. cit.* x, p. 344, (1856).
Laphygma squalida, Walker, *loc. cit.* xxxii, p. 652, (1865).
Prodenia venustula, Walker, *loc. cit.*, p. 654, (1865).
Agrotis submarginalis, Walker, *loc. cit.*, p. 699, (1865).
Prodenia permunda, Walker, *loc. cit.* xi, p. 723, (1857).
Laphygma infecta, Butler, Proc. Zool Soc. Lond. 1883, p. 158.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.
Prodenia nubes, Moore, Lep. Ceyl. iii, p. 19, (1884).
Spodoptera infecta, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 444.

I. M., Bombay (Swinhoe), Sibsagar (Peal).
Collection Swinhoe, Kasauli, Bombay, Poona, Umballa, Mhow, Karachi, Ceylon.
Also recorded from Java, Otaheite, Andaman Islands, Formosa, Siam.

2122. LAPHYGMA EXIGUA.

Noctua exigua, Hübn., Samml. Eur. Schmett Noct., fig. 362.*
Telmia exigua, Hübn., Verz. Bek. Schmett., p. 228, No. 2286, (1816).
Caradrina exigua, Treit., Schmett Eur. ii, 254, Suppl. x, 81.*
——————— Dup., Hist. Nat. Lep. France, iii, 45, pl. 75.*
——————— Boisd., Ind. Meth., p. 138, No. 1112, (1840).
——————— Guén., Ann. Soc. Ent. France, vi, p. 345, (1837).
——————— Herr Schäffer, Eur. Schmett, ii, 212, 99.*
——————— Noct. ii, pl. 66, fig. 44.*
Laphygma exigua, Guén., Noct. i, 158, 252.*
——————— Walker, Cat. Lep. Het. B. M. ix, p. 188, (1856).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; 1885, p. 450; and 1886, p. 443.

I. M., Karachi (Swinhoe), Kulu (Young).
Collection Swinhoe, Poona, Bombay, Mhow, Karachi, Quetta, Solun, Sabathu.
Also recorded from Europe.

2123. LAPHYGMA OBSTANS.

Laphygma obstans, Walker, Cat. Lep. Het. B. M., xxxii, p. 653, (1865).
——————— Moore, Lep. Ceyl. iii, p. 17, (1884).

Ceylon.

2124. LAPHYGMA TRAJICIENS.

Laphygma trajiciens, Walker, Cat. Lep. Het. B. M., xxxii, p. 653, (1865).
——————— Moore, Lep. Ceyl. iii, p. 18, (1884).

Ceylon.

Genus **Acosmetia.**

2125. ACOSMETIA NEBULOSA.

Acosmetia nebulosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 350, pl. 38, fig. 13.
——————— Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Sikkim.

2126. Acosmetia nigrescens.

Acosmetia nigrescens, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.
Bombay.

Genus **Ozarba.**

2127. Ozarba itwarra.

Ozarba itwarra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 14.
Collection Swinhoe, Poona, Karachi.

2128. Ozarba mallarba.

Ozarba mallarba, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 3.
Collection Swinhoe, Poona.

2129. Ozarba punctigera.

Ozarba punctigera, Walker, Cat. Lep. Het. B. M. xxxii, p. 685, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452.
Collection Swinhoe, Satara, Poona, Bombay.
Also recorded from China and Australia.

Genus **Oxira.**

2130. Oxira ochracea.

Oxira ochracea, Walker, Cat. Lep. Het. B. M. xxxii, p. 657, (1865).
——————— Moore, Lep. Ceyl. iii, p. 23, (1884).
Ceylon.

Genus **Hydræcia.**

2131. Hydræcia khasiana.

Hydræcia khasiana, Moore, Proc. Zool. Soc. Lond. 1881, p. 342, pl. 37, fig. 5.
——————— Descr. Ind. Lep. Atk. ii, p. 105, (1882).
Khasi Hills.
Allied to *H. petasitis* of Great Britain.

2132. Hydræcia lampadifera.

Hydræcia lampadifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 643, (1865).
——————— Moore, Lep. Ceyl. iii, p. 15, (1884).
Ceylon.

2133. Hydræcia naxiaoides.

Hydræcia naxiaoides, Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
Bengal.

2134. Hydræcia tibetana.

Hydræcia tibetana, Moore, Ann. Mag. N. H. (5), i, p. 232, (1878).
Ladak.

Genus **Hydrilla.**

2135. HYDRILLA DENTICULOSA.

Miana denticulosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 676, (1865).
Hydrilla denticulosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.

Collection Swinhoe, Poona, Bombay.
Also recorded from S. India.

2136. HYDRILLA HONESTA.

Miana honesta, Walker, Cat. Lep. Het. B. M. xxxii, p. 677, (1865).

South India.

Genus **Calogramma.**

2137. CALOGRAMMA FESTIVA.

Noctua festiva, Donov., Epit. Ins. New-Holl. (1805).*
Polia picta, Boisd., Voy. de l'Astrolabe, pt. 1, Lep., p. 241, (1832)*.
——— Guén., Noct. i, p. 166.*
Noctua picta, Guén. Voy. de la Coquille ii, p. 285, pl. 19, fig. 7*.
Calogramma picta, Guén., Noct. i, p. 166, 263*.
Calogramma festiva, Walker, Cat. Lep. Het. B. M., ix, p. 198, (1856).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.
——— Lep. Ceyl. iii, p. 21, pl. 146, fig. 6, (1884).

Bengal, Ceylon, Australia.

Genus **Rhizogramma.**

2138. RHIZOGRAMMA INDICA.

Xylophasia indica, Walker, Cat. Lep. Het. B. M., xxxii, p. 647, (1865).

I. M., Kulu (Young).
Collection Swinhoe, Solun.

2139. RHIZOGRAMMA INEXTRICATA.

Rhizogramma inextricata, Moore, Proc. Zool. Soc. Lond. 1881, p. 342.
——— Butler, Proc. Zool. Soc. Lond. 1881, p. 619.

I. M., Kulu (Young).
Collection Swinhoe, Solun, Nilgiri Hills.
Allied to *R. indica*, and to the European *R. petrorhiza*.
Also recorded from Dalhousie.

2140. RHIZOGRAMMA UNILINEA.

Rhizogramma unilinea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 7.

Poona.

Genus **Chiripha.**

2141. CHIRIPHA INVOLUTA.

Chiripha involuta, Walker, Cat. Lep. Het. B. M., x, p. 201, (1856).

Collection Swinhoe, Kasauli.

Genus **Neuria.**

2142. NEURIA DISCREPANS.

Heliophobus discrepans, Walker, Cat. Lep. Het. B. M., xxxii, p. 655, (1865).
Neuria discrepans, Moore, Lep. Ceyl. iii, p. 22, (1884).
Ceylon.

2143. NEURIA DISSECTA.

Heliophobus dissectus, Walker, Cat. Lep. Het. B. M., xxxii, p. 656, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.
Neuria dissecta, Moore, Lep. Ceyl. iii, p. 22, pl. 146, fig. 7, (1884).
Collection Swinhoe, Ceylon.
Also recorded from Bengal.

2144. NEURIA INCISA.

Neuria incisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.
Collection Swinhoe, Simla, Sikkim.
Also recorded from Umballa, Dalhousie, and Solun.

2145. NEURIA RETRAHENS.

Hadena retrahens, Walker, Cat. Lep. Het. B.M., xi, p. 757, (1857); and xxxiii, p. 727, (1865).
Neuria retrahens, Moore, Lep. Ceyl. iii, p. 21, (1884).
Ceylon.

2146. NEURIA SEPARATA.

Neuria separata, Moore, Descr. Ind. Lep. Atk. ii, p. 107, (1882).
Sikkim.
Allied to *N. saponariæ* of Europe.

2147. NEURIA SIMILLIMA.

Neuria similima, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.
Collection Swinhoe, Solun.

2148. NEURIA SIMULATA.

Neuria simulata, Moore, Proc. Zool. Soc. Lond. 1881, p. 343, pl. 38, fig. 1.
——————— Descr. Ind. Lep. Atk., ii, p. 107, (1882).
Sikkim.
Allied to *N. separata*.

Genus **Gortyna.**

2149. GORTYNA CUPREA.

Gortyna cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 50, pl. 6, fig. 8.
Sikkim.

Family PLUSIIDÆ.

Genus **Westermannia.**

2150. Westermannia superba.

Westermannia superba, Hübn., Samml. Exot., Schmett ii, 23, 162, figs. 323, 324, (1823).*
——————————— Verz. Bek. Schmett, p. 250, No. 2470, (1816).
——————————— Walker, Cat. Lep. Het. B. M., xii, p. 975, (1857).
——————————— Moore, Lep. Ceyl. iii, p. 80, pl. 154, figs. 1, 1*a*, (1884).
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
Plusiodes westermannii, Guén., Noct. ii, 386, 1247.*

Collection Swinhoe, Bombay, Poona, Khandalla.
Also recorded from Java and Ceylon.

2151. Westermannia triangularis.

Westermannia triangularis, Moore, Proc. Zool. Soc. Lond. 1877, p. 605.

I. M., Sibsagar (Peal).
Collection Swinhoe, Andaman Islands.

Genus **Nagasena.**

2152. Nagasena albescens.

Nagasena albescens, Moore, Descr. Ind. Lep. Atk. ii, p. 152, (1882).

Sikkim.

Genus **Plusia.**

2153. Plusia agramma.

Plusia agramma, Guén., Noct. ii, 327, 1136.*
——————————— Walker, Cat. Lep. Het., xii, p. 926, (1857).
——————————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
——————————— Lep. Ceyl. iii, p. 72, pl. 152, figs. 3, 3*a*, (1884).
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
Plusia inchoata, Walker, *loc. cit.*, xxxiii, p. 841, (1865).

Collection Swinhoe, Bombay, Ceylon.
Also recorded from Java and Australia.

2154. Plusia argyrosigna.

Plusia argyrosigna, Moore, Descr. Ind. Lep. Atk. ii, p. 149, (1882).

Cashmir, Dalhousie.
Allied to *P. iota* and to *P. quinqueaureum* of Europe.

2155. Plusia chrysitina.

Phalæna (*Noctua*) *chrysitina*, Martyn, Psyche, pl. 21, (1797).*
Noctua aurifera, Hübn., Eur. Schmett. Noct., pl. 98, fig. 463.*
——————————— Dup., Lep. Fr. vii, 24, pl. 134.*
Diachrysia aurifera, Hübn., Verz. Bek. Schmett, p. 252, No. 2494, (1816).

PLUSIA CHRYSITINA—*continued.*

Plusia aurifera, Treit., Schmett. iii, 168, 14.*
———— Meig., Syst. Besch. iii, 251, 6, pl. 121, fig. 10.*
———— Guén., Noct. ii, 335, 1153.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 892, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
Plusia chrysitina, Moore, Lep. Ceyl. iii, p. 70, pl. 152, fig. 7, (1884).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411, pl. 14, figs. 13, 13*a*.

I. M., Sikkim, Kulu (Young), Calcutta, Shillong, Sibsagar, (Peal), Ootacamund (Davison), North Khasi Hills, Darbhanga (Maries).
Collection Swinhoe, Kasauli, Sikkim, Simla, Quetta, Mhow.
Also recorded from S. Europe, Africa, Madagascar, Bourbon, Mauritius, Java, Ceylon.

2156. PLUSIA CILIARIS.

Plusia ciliaris, Walker, Cat. Lep. Het. B. M., xii, p. 928, (1857).
———— Butler, Ill. Typ. Lep. Het. vi, p. 36, pl. 110, fig. 5, (1886).

Nepal.

2157. PLUSIA CIRCUMFLEXA.

Phalæna (*Noctua*) *circumflexa*, Linn., Syst. Nat., p. 844, No. 128, (1767).
Noctua circumflexa, Haw., Lep. Brit. 8.*
Noctua daubei, Frey. (*nec* Boisd)., Beitr. iii, pl. 256, fig. 2.*
Plusia circumflexa, Guén., Noct. iii, p. 352, 1185.*
———— Walker, Cat. Lep. Het. B. M. xii, p. 900, (1857).
———— Butler, Ann. Mag. N. H. (5), ix, p. 210, (1882).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
———— Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Candahar, Mhow, Nilgiri Hills.
Also recorded from Europe.

2158. PLUSIA CONFUSA.

Plusia confusa, Moore, Descr. Ind. Lep. Atk. ii, p. 149, (1882).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Sikkim.

2159. PLUSIA DAUBEI.

Plusia daubei, Boisd., Ind. Meth., p. 159, No. 1281, (1840).
———— Dup., Suppl. iii, p. 486, pl. 42, fig. 1.*
———— Herr Schäffer, Schmett, Eur. ii, pl. 41, fig. 206.*
———— Guén., Noct. ii, 351, 1184.*
———— Walker, Cat. Lep. Het. B. M., xii, p. 900, (1857).

I. M., Kulu (Young).
Also recorded from South Europe and Senegal.

2160. PLUSIA DISPELLENS.

Plusia dispellens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 838, (1865).
———— Moore, Lep. Ceyl. iii, p. 73, (1884).

Ceylon.

2161. Plusia extrahens.

Plusia extrahens, Walker, Cat. Lep. Het. B. M., xii, p. 929, (1857).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; 1885, p. 458; and 1886, p. 447.
———— Trans. Ent. Soc. Lond. 1885, p. 351.

I. M., Karachi (Swinhoe).
Collection Swinhoe, Mhow, Bombay, Poona, Khizdar, Karachi, Quetta.

2162. Plusia impulsa.

Plusia impulsa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 838, (1865).
———— Moore, Lep. Ceyl. iii, p. 74, (1884).

Ceylon.

2163. Plusia integra.

Plusia integra, Walker, Cat. Lep. Het. B. M., xii, p. 931, (1857).

India.

2164. Plusia lectula.

Prodenia lectula, Walker, Cat. Lep. Het. B. M., xv, p. 1679, (1858); and xxxii, p. 654, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 51.
Plusia lectula, Moore, Lep. Ceyl. iii, p. 73, pl. 146, fig. 2, (1884).
Plusia kalitura, Felder & R. Reise, Novara Lep. iv, pl. 110, fig. 24, (1864-75).

Bengal, Canara, Ceylon.

2165. Plusia limbirena.

Plusia limbirena, Guen. Noct. ii, p. 350, No. 1179*.
———— Walker, Cat. Lep. Het. B. M. xii, p. 921, (1857).
———— Moore, Lep. Ceyl. iii, p. 72, pl. 152, fig. 5, (1884).

Ceylon, Madagascar, S. Africa, St. Helena.

2166. Plusia mutans.

Plusia mutans, Walker, Cat. Lep. Het. B. M. xxxiii, p. 839, (1865).
———— Moore, Lep. Ceyl. iii, p. 74, (1884).

Ceylon.

2167. Plusia nigriluna.

Plusia nigriluna, Walker, Cat. Lep. Het. B. M., xii, p. 931, (1857).
———— Moore, Lep. Ceyl. iii, p. 70, pl. 152, figs. 2, 2*a* larva, (1884).

Ceylon.

2168. Plusia nigrisigna.

Plusia nigrisigna, Walker, Cat. Lep. Het. B. M., xxxiii, p. 928, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
———— Ill. Typ. Lep. Het. vi, p. 36, pl. 110, fig. 4, (1886).

I. M., Kulu (Young).
Collection Swinhoe, Kasauli, Sikkim.
Also recorded from Umballa, Solun.

2169. Plusia obtusisigna.

Plusia obtusisigna, Walker, Cat. Lep. Het. B. M., xii, p. 930, (1857).
———— Moore, Lep. Ceyl. 3, p. 71, pl. 152, figs. 1, 1*a* larva, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Collection Swinhoe, Poona.
Also recorded from Ceylon.

2170. Plusia ochreata.

Plusia ochreata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 839, (1865).
———— Moore, Lep. Ceyl. iii, p. 72, pl. 151, fig. 4, (1884).

Collection Swinhoe, Solun.
Also recorded from Ceylon.

2171. Plusia ornatissima.

Plusia ornatissima, Walker, Cat. Lep. Het. B. M., xv, p. 1786, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Collection Swinhoe, Tokei.
Also recorded from India and China.

2172. Plusia pannosa.

Plusia pannosa, Moore, Descr. Lep. Atk. ii, p. 149, (1882).
Sikkim, Khasi Hills.

2173. Plusia permissa.

Plusia permissa, Walker, Cat. Lep. Het. B. M., xv, p. 1786, (1858).
Canara.

2174. Plusia placida.

Plusia placida, Moore, Lep. Ceyl. iii, p. 73, pl. 151, fig. 10, (1884).
Ceylon.

2175. Plusia reticulata.

Plusia reticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 148, (1882).
Sikkim.

2176. Plusia semivitta.

Plusia semivitta, Moore, Proc. Zool. Soc. Lond. 1867, p. 63, pl. 6, fig. 13.
Collection Swinhoe, Sikkim.

2177. Plusia signata.

Noctua signata, Fabr., Ent. Syst. iii, 2, p. 81, (1794).
Plusia signata, Guén., Noct. ii, p. 345, (1852)*.
————Walker, Cat. Lep. Het. B. M. xii, p. 926, (1857).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
————Lep. Ceyl. iii, p. 71, pl. 152, fig. 4, (1884).

PLUSIA SIGNATA—*continued.*

Plusia signata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p 458.
Plusia furcifera, Walker, Cat. Lep. Het. B. M. xii, p. 927, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Collection Swinhoe, Solun, Sikkim, Poona.
Also recorded from Ceylon, Java.

2178. PLUSIA SIGNIFICANS.

Plusia significans, Walker, Cat. Lep. Het., B. M., xii, p. 930, (1857).

Punjab.

2179. PLUSIA TETRAGONA.

Plusia tetragona, Walker, Cat. Lep. Het. B. M., xii, p. 932, (1857).

India.

2180. PLUSIA VERTICILLATA.

Plusia verticillata, Guén., Noct. ii, p. 344, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 923, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
——————— Moore Lep. Ceyl. iii, p. 70, pl. 152, fig. 6, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; 1885, p. 457; and 1886, p. 447.

I. M., Sikkim (Barnes), Calcutta, Kulu (Young), Ceylon (Colombo Museum), Nilgiri Hills (Swinhoe); Buxa (Moti Ram).
Collection Swinhoe, Kasauli, Karachi, Mhow, Ahmednagar, Poona, Bombay, Campbellpore.
Also recorded from Java, China, Australia, S. Africa.

Genus **Plusiodonta.**

2181. PLUSIODONTA AURIPICTA.

Plusiodonta auripicta, Moore, Descr. Ind. Lep. Atk. ii, p. 150, (1882).

Sikkim, Cherrapunji.

2182. PLUSIODONTA CHALSYTOIDES.

Plusiodonta chalsytoides, Guén., Noct. ii, p. 360, 1201.*
——————— Walker, Cat. Lep. Het., xii, p. 937, (1857); and xxxiii, p. 841, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
——————— Lep. Ceyl. iii, p. 75, pl. 153, figs. 1, 1*a*, (1884).
Deva conducens, Walker, Cat. Lep. Het. B. M., xii, p. 963, (1857).
Plusiodonta conducens, Moore, Proc. Zool. Soc. Lond. 1877, p. 605.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
Plusia agens, Felder & R. Reise, Novara Lep. iv, pl. 110, fig. 32, (1864-75).

Collection Swinhoe, Bombay.
Also recorded from Calcutta, Andaman Islands, Java, Ceylon.

2183. Plusiodonta compressipalpis.

Plusiodonta compressipalpis, Guén., Noct. ii, 359, 1200.*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 938, (1857).

India.

Genus **Abrostola.**

2184. Abrostola anophioides.

Abrostola anophioides, Moore, Descr. Ind. Lep. Atk. ii, p. 148, (1882).

Sikkim.
Allied to *A. asclepiadis* of Europe.

2185. Abrostola transfixa.

Abrostola transfixa, Walker, Cat. Lep. Het. B. M. xii, p. 884, (1857); and xv, p. 1783, (1858).
——————— Moore, Lep. Ceyl. iii, p. 69, (1884).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon and Australia.

Genus **Euchalcia.**

2186. Euchalcia cashmirensis.

Euchalcia cashmirensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 376.
——————— Descr. Ind. Lep. Atk. ii, p. 150, (1882).

Sind, Cashmir.
Allied to *E. uralensis* and *E. modesta*.

Genus **Birtha.**

2187. Birtha insulata.

Birtha insulata, Walker, Cat. Lep. Het. xxxiii, p. 976, (1865).
——————— Moore, Lep. Ceyl. iii, p. 75, (1884).

Ceylon.

Genus **Phanaca.**

2188. Phanaca damnipennis.

Phanaca damnipennis, Walker, Cat. Lep. Het. xxxxiii, p. 857, (1865).

Ceylon.

Family PALINDIDÆ.

Genus **Homodes.**

2189. Homodes crocea.

Homodes crocea, Guén., Noct. ii, p. 280, pl. 11, fig. 2, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 852, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 605, pl. 60, fig. 3.
——————— Lep. Ceyl. iii, p. 59, pl. 151, fig. 11, (1884).
Homodes vivida, Guén., Noct. ii, p. 280, 1084.*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 852, (1857).

Java, Andaman Islands, Ceylon, Bombay.

Family DIOPSIDÆ.

Genus **Anumeta.**

2190. Anumeta atrosignata.

Anumeta atrosignata, Walker, Cat. Lep. Het. B. M., xv, p. 1770, (1858).
North India.

Family EURHIPIDÆ.

Genus **Rhesala.**

2191. Rhesala imparata.

Rhesala imparata, Walker, Cat. Lep. Het. B. M., xv, p. 1777, (1858).
Ceylon.

2192. Targalla bifacies.

Cryassa bifacies, Walker, Cat. Lep. Het. B. M., xv, p. 1745, (1858).
Targalla bifacies, Moore, Lep. Ceyl. iii, p. 64, pl. 151, figs. 5, 5*a*, (1884).
Collection Swinhoe, Ceylon.

2193. Targalla delatrix.

Penicillaria delatrix, Guén., Noct. ii, p. 304, No. 1112, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 871, (1857).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
Targalla delatrix, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.
Collection Swinhoe, Solun, Poona, Alibagh.
Also recorded from Java.

2194. Targalla infida.

Targalla infida, Walker, Cat. Lep. Het. B. M. xiii, p. 1008, (1857).
——————— Moore, Lep. Ceyl. iii, p. 63, pl. 151, figs. 6, 6*a*, (1884).
Penicillaria ludatrix, Walker, *loc. cit.* xv, p. 1773, (1858).
Ceylon, India.

2195. Targalla repleta.

Eutelia repleta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 821, (1865).
Targalla repleta, Moore, Lep. Ceyl. iii, p. 64, (1884).
Eutelia impleta, Walker, *loc. cit.*, p. 822, (1865).
Eutelia plusioides, Walker, *loc. cit.*, p. 822, (1865).
Eurhipia prætexta, Felder & R. Reise, de Novara, Lep. iv, pl. 111, fig. 24, (1864-75).
S. India, Ceylon.
"Probably only a varietal form of *T. bifacies*," (Moore).

2196. Targalla resoluta.

Penicillaria resoluta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 815, (1865).
Targalla resoluta, Moore, Lep. Ceyl. iii, p. 65, (1884).
Ceylon.

2197. Targalla solida.

Penicillaria solida, Walker, Cat. Lep. Het. B. M. xxxiii, p. 814, (1865).
Targalla solida, Moore, Lep. Ceyl. iii, p. 63, (1884).

Ceylon.

Genus **Penicillaria.**

2198. Penicillaria excitans.

Penicillaria excitans, Butler, Proc. Zool. Soc. Lond. 1886, p. 381.

Western India.

2199. Penicillaria jocosatrix.

Penicillaria jocosatrix, Guén., Noct. ii, p. 304, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xii, p. 871, (1857).
——————— Moore, Lep. Ceyl. iii, p. 62, pl. 151, figs. 8, 8*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

I. M., Ranchi (Irvine).
Collection Swinhoe, Bombay, Poona.
Also recorded from Ceylon and Java.

2200. Penicillaria lineatrix.

Penicillaria lineatrix, Walker, Cat. Lep. Het. B. M., xv, p. 1776, (1858); and xxxiii, p. 814, (1865).

Canara.

2201. Penicillaria nugatrix.

Penicillaria nugatrix, Guén., Noct. ii, 303, 1110, pl. 14, fig. 7, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 871, (1857).
——————— Moore, Lep. Ceyl. iii, p. 62, (1884).

Collection Swinhoe, South India.
I. M., Ceylon, North India.

Genus **Eutelia.**

2202. Eutelia cinctipalpis.

Eutelia cinctipalpis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 820, (1865).
——————— Moore, Lep. Ceyl. iii, p. 66, (1884).

Ceylon.

2203. Eutelia discistriga.

Eutelia discistriga, Walker, Cat. Lep. Het. B. M. xxxiii, p. 823, (1865).

Collection Swinhoe, Sholapore, Karachi.
Also recorded from South India.

2204. Eutelia favillatrix.

Eutelia favillatrix, Walker, Cat. Lep. Het. B. M., xv, p. 1778, (1858).
——————— Moore, Lep. Ceyl. iii, p. 66, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

I. M., Sibsagar (Peal), Andaman Islands (purchased).
Collection Swinhoe, Bombay, Khandalla.
Also recorded from Ceylon.

2205. EUTELIA INEXTRICATA.

Eutelia inextricata, Moore, Descr. Ind. Lep. Atk. ii, p. 147, (1882).
Collection Swinhoe, Sikkim, Kulu.
Also recorded from Cherrapunji.

2206. EUTELIA SICCIFOLIA.

Eutelia siccifolia, Moore, Proc. Zool. Soc. Lond. 1881, p. 375.
——————— Descr. Ind. Lep. Atk. ii, p. 147, (1882).
Sikkim.
Allied to *E. viridatrix*.

2207. EUTELIA VIRIDATRIX.

Eutelia viridatrix, Walker, Cat. Lep. Het. B. M., xv, p. 1777, (1858).
N. India.

Genus **Anuga.**

2208. ANUGA CONSTRICTA.

Anuga constricta, Guén., Noct. ii, p. 308, 1116.*
——————Walker, Cat. Lep. Het. B. M., xii, p. 874, (1857).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
India.

2209. ANUGA LUNULATA.

Anuga lunulata, Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
Bengal.

Genus **Varnia.**

2210. VARNIA FENESTRATA.

Varnia fenestrata, Moore, Proc. Zool. Soc. Lond. 1881, p. 376.
——————— Descr. Ind. Lep. Atk. ii, p. 148, (1882).
Sikkim.

2211. VARNIA IGNITA.

Varnia ignita, Walker, Cat. Lep. Het. B. M. xxxiii, p. 825, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
——————— Journ. As. Soc. Beng. liii, pt. 2, p. 236, (1884).
Pachythyris ignita, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 280, (1877).
I. M., Sikkim (purchased; also Barnes), Cachar (Wood-Mason), Ceylon (Mackwood).
Collection Swinhoe, Sylhet.

2212. VARNIA INÆQUALIS.

Varnia inæqualis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 828, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
Sylhet.

2213. Varnia (?) incerta.

Varnia incerta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 829, (1865).
N. India.

2214. Varnia taprobana.

Varnia taprobana, Moore, Lep. Ceyl. iii, p. 67, pl. 151, fig. 7, (1884).
Ceylon.

Genus **Chlumetia.**

2215. Chlumetia alternans.

Chlumetia alternans, Moore, Descr. Ind. Lep. Atk. ii, p. 147, (1882).
Sikkim.

2216. Chlumetia egens.

Chlumetia egens, Moore, Lep. Ceyl. iii, p. 68, pl. 151, fig. 9, (1884).
Ceylon.

2217. Chlumetia transversa.

Nachaba transversa, Walker, Cat. Lep. Het. B. M. xxvii, p. 114, (1863).
Chlumetia guttiventris, Walker, *loc. cit.*, xxxiv, p. 1271. (1865).
Chlumetia transversa, Moore, Lep. Ceyl. iii, p. 67, pl. 151, fig. 3, (1884).
Ceylon.

Family ERIOPIDÆ.

Genus **Callopistria.**

2218. Callopistria duplicans.

Callopistria duplicans, Walker, Cat. Lep. Het. B. M., xii, p. 866, (1857).
India.

2219. Callopistria exotica.

Eriopus exotica, Guén., Noct. ii, p. 294, 1097, (1852).*
Callopistria exotica, Walker, Cat. Lep. Het. B. M., xii, p. 865, (1857); and xxxiii, p. 811, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 61; and 1877, p. 605.
———— Lep. Ceyl. iii, p. 60, (1884).
Sikkim, Canara, Andaman Islands, Java.

2220. Callopistria recurvata.

Callopistria recurvata, Moore, Descr. Ind. Lep. Atk. ii, p. 144, (1882).
———— Lep. Ceyl. iii, p. 60, pl. 151, fig. 1, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.
Collection Swinhoe, Solun, Bombay.
Also recorded from Sikkim, Calcutta, Ceylon.

2221. Callopistria repleta.

Callopistria repleta, Walker, Cat. Lep. Het. B. M., xii, p. 865, (1857).
North India

2222. Callopistria rivularis.

Callopistria rivularis, Walker, Cat. Lep. Het. B. M., xii, p. 867, (1857).
Collection Swinhoe, Solun, Ceylon.

Genus **Perciana.**

2223. Perciana marmorea.

Perciana marmorea, Walker, Cat. Lep. Het. B. M., xxxiii, p. 813, (1865).
India.

Genus **Phalga.**

2224. Phalga sinuosa.

Phalga sinuosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 375, pl. 37, fig. 7.
——————— Descr. Ind. Lep. Atk. ii, p. 145, (1882).
Sikkim.

Genus **Cotanda.**

2225. Cotanda placodoides.

Eriopus placodoides, Guén., Noct. ii, p. 296.*
Cotanda placodoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 374.
India, Java.

Genus **Methorasa.**

2226. Methorasa latreillei.

Eriopus latreillei, Dup., Lep. France, Suppl. iv, p. 327, pl. 123, fig. 2.*
——————— Guén., Noct. ii, p. 296.*
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
Callopistria latreillei, Walker, Cat. Lep. Het. B. M. xii, p. 862, (1857).
Eriopus quieta, Treit., Schmett iii, p. 259, Suppl., p. 49.*
Methorasa latreillei, Moore, Proc. Zool. Soc. Lond. 1881, p. 374.
Collection Swinhoe, Simla.
Also recorded from Europe, Dharmsala.

2227. Methorasa thwaitesii.

Methorasa thwaitesii, Moore, Lep. Ceyl. iii, p. 61, pl. 151, fig. 2, (1884).
Ceylon.

Genus **Lugana.**

2228. Lugana antennata.

Lugana antennata, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).
Sikkim.

2229. Lugana renalis.

Lugana renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).
Collection Swinhoe, Andaman Islands.
Allied to *L. antennata*.

Family HYBLÆIDÆ.

Genus **Hyblæa.**

2230. Hyblæa constellata.

Hyblæa constellata, Guén., Noct. ii, p. 391, 1251, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 980, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
——————— Lep. Ceyl. iii, p. 81, pl. 154, figs. 3, 3*a*, (1888).
——————— Journ. As. Soc. Beng., vol. lv, pt. 2, p. 100, (1886).

I. M., Ceylon (Colombo Museum), Dunsiri, Sikkim (purchased; also Barnes), Sylhet, Naga Hills, Tavoy (Moti Ram), Sibsagar (Peal).
Collection Swinhoe, Sylhet, Ceylon.

2231. Hyblæa firmamentum.

Hyblæa firmamentum, Guén., Noct. ii, 392, 1253.*
——————— Walker, Cat. Lep. Het. B. M., xii, p. 981, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

I. M., Buxa (Moti Ram), Sikkim (Barnes; also purchased), Sibsagar (Peal).
Collection Swinhoe, Sylhet.
Also recorded from China.

2232. Hyblæa puera.

Phalæna puera, Cram., Pap. Exot., pl. 103, figs. D and E, (1777).
Noctua saga, Fabr., Mant. Ins. ii, p. 137, No. 29, (1787).
Hyblæa saga, Fabr., Ent. Syst. iii, 2, p. 128, No. 4, (1794).
Noctua unxia, Hübn., Eur. Schmett, Noct., fig. 513, (1810).*
Euchesia unxia, Hübn., Verz. Bek. Schmett, p. 221, No. 2217, (1816).
Heliothis apricans, Boisd., Faun. Ent. Madag., p. 98, 2, pl. 15, fig. 7, (1834) *
Hyblæa puera, Guén., Noct. ii, p. 390, 1250.*
——————— Walker, Cat Lep. Het. B. M., xii, p. 979, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
——————— Lep. Ceyl. iii, p. 81, pl. 154, figs. 2, 2*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Goalundo (Mein), Kulu (Young), Sylhet, Ceylon (Colombo Musuem), Poona (Swinhoe).
Collection Swinhoe, Solun, Poona, Bombay, Mhow, Nilgiri Hills, Ceylon.
Also recorded from Jamaica, South America, South Africa, and China.

Genus **Maceda.**

2233. Maceda mansueta.

Maceda mansueta, Walker, Cat. Lep. Het. B. M., xiii, p. 1141, (1857); and xxxiii, p. 924, (1865).
——————— Moore, Lep. Ceyl. iii, p. 82, pl. 154, figs. 4 and 5, (1884).
Calduba obtenta, Walker, *loc. cit.* xv, p. 1815, (1858).

Collection Swinhoe, Andaman Islands.
Also recorded from Sarawak, Borneo, Ceylon.

Family GONOPTERIDÆ.

Genus **Cosmophila**.

2234. Cosmophila xanthindyma.

Cosmophila xanthindyma, Boisd, Faune Ent. Madag. Lep. 94, pl. 13, fig. 7, (1834).*♂
——————— Guén., Noct. ii, p. 396.*
——————— Walker, Cat. Lep. Het. B. M., xiii, p. 987, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1883, p. 163.
——————— Lep. Ceyl. iii, p. 84, pl. 155, figs. 1, 1*a*, 1*b*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.
Cirroedia variolosa, Walker, *loc. cit.*, xi, p. 750, (1857).
Cosmophila indica, Guén., Noct. ii, p 396, (1852).* ♀
——————— Walker, *loc. cit.* xiii, p. 986, (1857).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411.
Cirroedia edentata, Walker, *loc. cit.* xi, p. 750, (1857).

I. M., Sikkim, Bombay (Swinhoe), Ceylon (Colombo Museum), Calcutta, Kulu (Young).
Collection Swinhoe, Solun, Mhow, Poona, Bombay, Karachi, Ceylon.
Also recorded from Madagascar, Mauritius, Malabar, Java, Australia.

Genus **Arthisma**.

2235. Arthisma scissuralis.

Arthisma scissuralis, Moore, Proc. Zool. Soc. Lond. 1883, p. 20.
——————— Waterhouse, Aid. iii, pl. 150, fig. 3, (1884).*

Singapore.

Genus **Rusicada**.

2236. Rusicada albitibia.

Gonitis albitibia, Walker, Cat. Lep. Het. B. M., xiii, p. 1001, (1857).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
Rusicada albitibia, Moore, Proc. Zool. Soc. Lond. 1883, p. 20.
Rusicada nigritarsis, Moore, Lep. Ceyl. iii, p. 86, pl. 155, figs. 2,2*a*, *b*,*c*,*d*, ♂, ♀, and larva, (1884).
Rusicada nigritarsis, Walker, *loc. cit.* xiii, p. 1006, (1857).

Collection Swinhoe, Bombay, Poona, Khandalla, Nilgiri Hills.
Also recorded from Ceylon, Calcutta, Sikkim.

2237. Rusicada brunnea.

Gonitis brunnea, Moore, Descr. Ind. Lep. Atk. ii, p. 153, (1882).

Calcutta.

2238. Rusicada diversalis.

Rusicada diversalis, Moore, Proc. Zool. Soc. Lond. 1883, p. 21.
——————— Waterhouse, Aid. ii, pl. 150, fig. 2, (1884)*.

Singapore.
Allied to *R. brunnea*.

2239. Rusicada iconica.

Anomis iconica Walker, Cat. Lep. Het. B. M. xiii, p. 992, (1857).
Rusicada iconica, Moore, Lep. Ceyl. iii, p. 87, (1884).

Ceylon.

Genus **Gonitis**.

2240. Gonitis fulvida.

Anomis fulvida, Guén., Noct. ii, p. 397, 1259, (1852).*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 988, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 64; and 1877, p. 606.
Gonitis guttanivis, Walker *loc. cit.* xiii, p. 1003, (1857).
Anomis guttanivis, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.
Gonitis fulvida, Moore, *loc. cit.* 1883, p. 19.
———— Lep. Ceyl. iii, p. 85, pl. 155, figs. 3, 3*a*, (1884).
Gonitis combinans, Walker, *loc. cit.* xiii, p. 1001, (1857).

I. M., Sikkim, Sibsagar (Peal).
Collection Swinhoe, Sikkim, Khandalla.
Also recorded from Khasi Hills, Ceylon, Andaman Islands, Java, North America.

2241. Gonitis involuta.

Gonitis involuta, Walker, Cat. Lep. Het. B. M., xiii, p. 1003, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 163.
———— Moore, Lep. Ceyl. iii, p. 85, pl. 153, fig. 7, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; and 1885, p. 458.
Gonitis basalis, Walker, *loc. cit.* xiii, p. 1004, (1857).
Tiridata colligata, Walker, *loc. cit.* xxxiii, p. 870, (1865).

I. M., Kulu (Young), Solun (Swinhoe).
Collection Swinhoe, Solun, Karachi, Nilgiri Hills, Bombay.
Also recorded from Ceylon.

2242. Gonitis latimargo.

Gonitis latimargo, Walker, Cat. Lep. Het. B. M., xiii, p. 1002, (1857).

India.

2243. Gonitis lineosa.

Gonitis lineosa, Walker, Cat. Lep. Hep. Het. B. M. xxxiii, p. 862, (1865).

India.

2244. Gonitis mesogona.

Gonitis mesogona, Walker, Cat. Lep. Het. B. M., xiii, p. 1002, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 163.
———— Moore, Lep. Ceyl. iii. p. 86, pl. 153, fig. 8, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Kulu (Young), Bombay (Swinhoe), Sikkim.
Collection Swinhoe, Kulu, Solun, Bombay.
Also recorded from Ceylon.

2245. GONITIS METAXANTHA.

Gonitis metaxantha, Walker, Cat. Lep. Het. B. M. xiii, p. 1005, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1883, p. 21.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Sikkim (Barnes), Poona (Swinhoe), Andaman Islands (De Roepstorff), Cherrapunji.
Collection Swinhoe, Sikkim, Solun, Poona, Bombay, Nilgiri Hills.

2246. GONITIS TRILINEATA.

Gonitis trilineata, Moore, Proc. Zool. Soc. Lond. 1883, p. 21, pl. 6, fig. 1.
Bombay.

Genus **Coarica.**

2247. COARICA FASCIATA.

Coarica fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 153, pl. 5, fig. 1.
Sikkim.

Genus **Falana.**

2248. FALANA SORDIDA.

Falana sordida, Moore, Descr. Ind. Lep. Atk. ii, p. 154, (1882).
——————— Lep. Ceyl. iii, p. 88, pl. 155, fig. 4, (1884).
Cherrapunji, Ceylon.

Genus **Thalatta.**

2249. THALATTA ALBIORBIS.

Thalatta albiorbis, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.
——————— Lep. Ceyl. iii, p. 87, pl. 153, fig. 6, (1884).
Ceylon.
Allied to *T. precedens*.

2250. THALATTA FASCIOSA.

Thalatta fasciosa, Moore, Descr. Ind. Lep. Atk. ii, p. 154, pl. 5, fig. 2, (1882).
Cherrapunji.

2251. THALATTA MODESTA.

Thalatta modesta, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.
——————— Lep. Ceyl. iii, p. 87, pl. 153, fig. 5, (1884).
Ceylon.

2252. THALATTA PRECEDENS.

Thalatta precedens, Walker, Cat. Lep. Het. B. M., xiii, p. 996, (1857).
India.

Genus **Ossonoba.**

2253. Ossonoba torpida.

Ossonoba torpida, Walker, Cat. Lep. Het. B. M. xxxv, p. 1966, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 64.
——————— Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 22, pl. 106, fig. 8, (1886).

Collection Swinhoe, Sikkim.

Family AMPHIPYRIDÆ.

Genus **Amphipyra.**

2254. Amphipyra chalcoptera.

Amphipyra chalcoptera, Felder & R. Reise, Novara Lep., pl. 112, fig. 18, (1864-75).

Rampur, Himalayas.

2255. Amphipyra corvus.

Amphipyra corvus, Motsch.
——————— Moore, Descr. Ind. Lep. Atk. ii, p. 154, (1882).

Khasi Hills, China, Japan.
Allied to the European *A. livida*.

2256. Ampihpyra cupreipennis.

Amphipyra cupreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 155, (1882).

Sikkim.

2257. Amphipyra magna.

Amphipyra magna, Walker, Cat. Lep. Het. B. M., p. 868, (1865).

Collection Swinhoe, Solun, Thundiani (Punjab).

2258. Amphipyra monolitha.

Amphipyra monolitha, Guén., Noct. ii, 414, 1279.*
——————— Walker, Cat. Lep. Het. B. M., xiii, p. 1018, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Collection Swinhoe, Sikkim.
Also recorded from Sylhet and North China.

Genus **Tambana.**

2259. Tambana catocalina.

Tambana catocalina, Moore, Descr. Ind. Lep. Atk. ii, p. 156, pl. 5, fig. 3, (1882).

Sikkim.

2260. TAMBANA VARIEGATA.

Tambana variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 155, (1882).
Sikkim.

Genus **Perinœnia.**

2261. PERINÆNIA ACCIPITER.

Spintherops accipiter, Felder & R. Reise, Novara. Lep. iv, pl. 111 fig., (1864-75).
Perinœnia accipiter, Moore, Descr. Ind. Lep. Atk. ii, p. 156, (1882).
Sikkim, Pangi.
Allied to *P. lignosa* of Japan.

Genus **Mithila.**

2262. MITHILA LICHENOSA.

Mithila lichenosa, Moore, Descr. Ind. Lep. Atk. ii, p. 157, (1882).
Sikkim.

Genus **Blenina.**

2263. BLENINA ACCIPIENS.

Blenina accipiens, Walker, Cat. Lep. Het. xiii, p. 1215, (1857).
——————— Moore, Lep. Ceyl. iii, p. 129, pl. 160, fig. 3, (1885).
Collection Swinhoe, (?) India.
Also recorded from Ceylon and Australia.

2264. BLENINA DONANS.

Blenina donans, Walker, Cat. Lep. Het. B. M. xiii, p. 1215, (1857).
——————— Moore, Lep. Ceyl. iii, p. 129, pl. 160, fig. 2, (1885).
I. M., ? Andaman Islands.
Collection Swinhoe, Ceylon.

2265. BLENINA GRISEA.

Blenina grisea, Moore, Proc. Zool. Soc. Lond. 1877, p. 607, pl. 60, fig. 1.
Andaman Islands.

2266. BLENINA LICHENOSA.

Blenina lichenosa, Moore, Proc. Zool. Soc. Lond. 1877, p. 607, pl. 60, fig. 2,
Andaman Islands.

2267. BLENINA PANNOSA.

Blenina pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 157, pl. 5, fig. 4, (1882).
Calcutta.
Allied to *B. donans*.

2268. Blenina quinaria.

Blenina quinaria, Moore, Descr. Ind. Lep. Atk. ii, p. 158, pl. 5, fig. 5, (1882).

Sikkim.

Allied to *B.* (*Dandaca*) *senex* of Japan.

2269. Blenina variegata.

Blenina variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 157, (1882).

Sikkim.

Genus **Amrella.**

2270. Amrella angulipennis.

Amrella angulipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 158, pl. 5, fig. 6, (1882).

Sikkim.

Genus **Nænia.**

2271. Nænia chalybeata.

Nænia chalybeata, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Bengal.

2272. Nænia cuprea.

Nænia cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Bengal.

Genus **Axiopœna.**

2273. Axiopœna fluviatilis.

Axiopœna fluviatilis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351, pl. 9, fig. 7.

Collection Swinhoe, Quetta.

Allied to *A. Maura* and *A. Karelini* of Europe.

Family CATOCALIDÆ.

Genus **Catocala.**

2274. Catocala afghana.

Catocala afghana, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352, pl. 9, fig. 8.

Collection Swinhoe, Quetta, and Garhwal (Biluchistan).

2275. Catocala albifascia.

Catocala albifascia, Walker, Cat. Lep. Het. B. M., xxxiii, p. 933, (1865).

Collection Swinhoe, North Canara.

2276. Catocala concubia.

Catocala concubia, Walker, Cat. Lep. Het. B. M., xiii, p. 1210, (1857).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 110, fig. 10, (1886).

I. M., Kulu (Young).
Collection Swinhoe (Solun).

2277. Catocala dotata.

Catocala dotata, Walker, Cat. Lep. Het. B. M., xiii, p. 1212, (1857).
——————— Herr Schäffer, Schmett, figs. 585, 588.*
——————— Walker, *loc. cit.*, xxxiii, p. 930, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Kulu (Young), Chitral (Giles).
Collection Swinhoe, Solun.

2278. Catocala nepcha.

Catocala nepcha, Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Sikkim.

2279. Catocala patala.

Catocala patala, Felder & R. Reise, Novara, Lep., pl. 112, fig. 23, (1864-75).

India.

2280. Catocala prolifica.

Catocala prolifica, Walker, Cat. Lep. Het. B. M., xiii, p. 1211, (1857).
Catocala prolifera (sic), Butler, Ill. Typ. Lep. Het. vi, p. 38, pl. 110, fig. 9, (1886).

I. M., Kulu (Young).
Collection Swinhoe, Kulu.

2281. Catocala pudica.

Catocala pudica, Moore, 2nd Yarkand Mission Lep., p. 12, (1879).

Ladak.

2282. Catocala rama.

Catocala rama, Moore, Lep. Ceyl. iii, p. 128, pl. 160, fig. 6, (1885).

Ceylon.

2283. Catocala sponsalis.

Catocala sponsalis, Walker, Cat. Lep. Het. B. M., xiii, p. 1213, (1857).
——————— Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 111, fig. 1, (1886).

Nepal.

2284. Catocala tapestrina.

Catocala tapestrina, Moore, Descr. Ind. Lep. Atk. ii, p. 166, pl. v, fig. 13, (1882).

Sikkim.

2285. Catocala unicuba.

Catocala unicuba, Walker, Cat. Lep. Het. B. M., xiii, p. 1210, (1857).
———— Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 110, fig. 11, (1886).

Collection Swinhoe, Abbotabad (Punjab).

Family HYPOCALIDÆ.

Genus **Hypocala**.

2286. Hypocala angulipalpus.

Hypocala angulipalpus, Guén., Noct. iii, p. 77, 1424, (1852).*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1176, (1857).
Hypocala angulipalpis, Moore, Lep. Ceyl. iii, p. 127, pl. 160, fig. 4, (1885).

India.

2287. Hypocala aspersa.

Hypocala aspersa, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.

I. M., Sikkim, Kulu (Young).
Collection Swinhoe, Solun, Sikkim.

2288. Hypocala deflorata.

Noctua deflorata, Fabr., Naturf. 190, 2, figs. 6 & 7.*
Hypocala deflorata, Guén., Noct. iii, 76, 1422, No. 2.*
————Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Collection Swinhoe, Solun, Sikkim, Bombay.

2289. Hypocala efflorescens.

Hypocala efflorescens, Guén., Noct. iii, p. 77, 1423, (1852).*
————Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 68.
———— Lep. Ceyl. iii, p. 126, pl. 160, figs. 5, 5*a*, (1885).
————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

Collection Swinhoe, Bombay, Ceylon.

2290. Hypocala lativitta.

Hypocala lativitta, Moore, Proc. Zool. Soc. Lond. 1877, p. 606, pl. 69, fig. 4.

Andaman Islands.

2291. Hypocala rostrata.

Noctua rostrata, Fabr., Naturf. 197, pl. 4, fig. 4.*
Hypocala rostrata, Guén., Noct. iii, 74, 1418.*
————Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Collection Swinhoe, Solun, Dharmsala, Sikkim.

2292. HYPOCALA SUBSATURA.

Hypocala subsatura, Guén., Noct. iii, 75, 1419.*
———————— Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Sylhet.

FAMILY TOXOCAMPIDÆ.

Genus **Toxocampa.**

2293. TOXOCAMPA COSTIMACULA.

Toxocampa costimacula, Guén., Noct. ii, 429, 1302.*
———————— Walker, Cat. Lep. Het. B. M., xiii, p. 1031, (1857).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
Remigia triangulata, Walker, *loc. cit.*, xxxiii, p. 1017, (1865).

Sylhet.

2294. TOXOCAMPA CUCULLATA.

Toxocampa cucullata, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).
————————Waterhouse, Aid. iii, pl. 160, fig. 1, (1885).*

Naini Tal.
Allied to the European *T. lusoria.*

2295. TOXOCAMPA DORSIGERA.

Toxocampa dorsigera, Walker, Cat. Lep. Het. B. M. xxxiii, p. 873, (1865).
Ophiusa dorsigera, Moore, Lep. Ceyl. iii, p. 90, (1884).

Collection Swinhoe, Solun, Nilgiri Hills.
Also recorded from Ceylon.

2296. TOXOCAMPA METASPILA.

Toxocampa metaspila, Walker, Cat. Lep. Het. B. M., xiii, p. 1032, (1857).
Ophiusa pallidilinea, Walker, *loc. cit.*, xv, p. 1832, (1858).
Ophiusa metaspila, Moore, Lep. Ceyl. iii, p. 89, pl. 154, fig. 6, (1884).

Ceylon.

2297. TOXOCAMPA MOOLLA.

Toxocampa moolla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459, pl. 27, fig. 10.

Collection Swinhoe, Poona.

2298. TOXOCAMPA ORIENTALIS.

Toxocampa orientalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 381.

Murree.
Allied to *T. lilacina* of Japan.

2300. Toxocampa quinquelinea.

Toxocampa quinquelinea, Walker, Cat. Lep. Het. B. M., xxxiii, p. 872, (1865).
Ophiusa quinquelinea, Moore, Lep. Ceyl. iii, p. 89, (1884).

Ceylon.

2301. Toxocampa sexlinea.

Toxocampa sexlinea, Walker, Cat. Lep. Het. xxxiii, p. 872, (1865).
Ophiusa sexlinea, Moore, Lep. Ceyl. iii, p. 90, (1884).

Ceylon.

2302. Toxocampa tetraspila.

Remigia tetraspila, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1018, (1865).
Toxocampa tetraspila, Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sikkim.

Genus **Apopestes.**

2303. Apopestes indica.

Apopestes indica, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.

Manpuri.
Allied to *A. phantasma*.

2304. Apopestes phantasma.

Amphipyra phantasma, Eversm., Bull. Mosc. 1843, p. 546.
Spintherops phantasma, Guén., Noct. ii, p. 422, 1290.*
Apopestes phantasma, Moore, 2nd Yarkand Mission, Lep., p. 13, (1879).
———————— Butler, Proc. Zool. Soc. Lond. 1880, p. 414.
———————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351.
———————— Walker, Cat. Lep. Het. B. M. xiii, p. 1025, (1887).

I. M., Chitral (Giles), Yarkand (2nd Mission).
Also recorded from Candahar, and the Altai Mountains.

2305. Apopestes spectrum.

Noctua spectrum, Esper., Schmett. iv, 131, pl. 100, figs. 3, 4.*
———————— Fabr., Ent. Syst. iii, 2, p. 54, No. 151, (1794).
———————— Bork., Eur. Schmett iv, 5, 2.*
———————— Hübn., Eur. Schmett Noct., pl. 67, fig. 325.*
———————— God., Lep. v, 105, pl. 54, fig. 3.*
———————— Meig., Syst. Besch. iii, 134, 94, pl. 103, fig. 3.*
Noctua socrus, Girona, Cal. Ent. 142.*
Noctua genistæ, Vill., Ent. Linn. 329.*
Apopestes spectrum, Hübn., Verz. Bek. Schmett, p. 275, No. 2710, (1816).
———————— Walker, Cat. Lep. Het. B. M. xiii, p. 1024, (1857).
Amphipyra spectrum, Treit., Schmett, v, 291, 7.*
Spintherops spectrum, Boisd., Ind. Meth. p. 98, No. 740, (1840).
———————— Guén., Noct. ii, 423, 1289.*
———————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351.

I. M., Persia.
Collection Swinhoe, Quetta.
Also recorded from Europe.

Family POAPHILIDÆ.

Genus **Poaphila.**

2306. Poaphila fuscipalpis.

Poaphila fuscipalpis, Walker, Char. Undescr. Lep. Het., p. 92, (1869).
Benares.

2307. Poaphila luteiceps.

Poaphila luteiceps, Walker, Cat. Lep. Het. B. M., xxxiii, p. 992, (1865).
North India.

2308. Poaphila marginata.

Poaphila marginata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 991, (1865).
India.

2309. Poaphila oculata.

Poaphila oculata, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 11, (1882).
Bengal.

2310. Poaphila pallens.

Poaphila pallens, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 9, (1882).
Calcutta.

2311. Poaphila quadrilineata.

Poaphila quadrilineata, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 22, (1882).
Sikkim, Cherrapunji.

2312. Poaphila reflexa.

Plecoptera reflexa, Guén., Noct. ii, p. 431, No. 1303.*
——————— Walker, Cat. Lep. Het. B. M., xiii, p. 1033, (1857).
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
Trigonodes (?) gammoides, Walker, *loc. cit.* xv, p. 1833, (1858).
Poaphila (?) simplex, Walker, *loc. cit.*, p. 1840, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.
Poaphila hamifera, Walker, *loc. cit.*, xxxiii, p. 992, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451.
I. M., Solun, and Karachi (Swinhoe).
Collection Swinhoe, Solun, Umballa, Mhow, Karachi, Hydrabad (Sind), Campbellpore.
Also recorded from Poona.

2313. Poaphila uniformis.

Poaphila uniformis, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 10, (1882).
Parisnath Hill, Calcutta.

Genus **Iluza.**

2314. Iluza decisa.

Iluza decisa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1007, (1865).
North India.

2315. Iluza duplexa.

Iluza duplexa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 7, (1882).
Khasi Hills.

2316. Iluza pyralina.

Iluza pyralina, Moore, Proc. Zool. Soc. Lond. 1877, p. 610.
Andaman Islands.

2317. Iluza transversa.

Iluza transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 15, (1882).
Sikkim.

Genus **Borsippa.**

2318. Borsippa marginata.

Borsippa marginata, Moore, Proc. Ind. Lep. Atk. ii, p. 173, (1882).
Sikkim.
Allied to *B. quadrilineata*.

Genus **Nasaya.**

2319. Nasaya hepatica.

Nasaya hepatica, Moore, Descr. Ind. Lep. Atk. ii, p. 173, (1882).
Sikkim.

Genus **Dierna.**

2320. Dierna acanthusalis.

Dierna acanthusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 205, (1858).
——————— Moore, Lep. Ceyl. iii, p. 188, pl. 171, fig. 9, (1885).
Nahara clavifera, Walker, *loc. cit.* xxxiii, p. 1004, (1865).
Collection Swinhoe, Ceylon, Nilgiri Hills.

2321. Dierna multistrigaria.

Dierna multistrigaria, Moore, Lep. Atk. ii, p. 173, (1882).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Bombay, Cherrapunji.

Genus **Phurys.**

2322. PHURYS DISSIMILIS.

Phurys dissimilis, Moore, Descr. Ind. Lep. Atk. ii, p. 174, (1882).
Cherrapunji.
Allied to *P. similis*.

2323. PHURYS FASCIOSA.

Phurys fasciosa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 6, (1882).
Sikkim.

2324. PHURYS OBLIQUA.

Phurys obliqua, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Bengal.

2325. PHURYS SIMILIS.

Phurys similis, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 5, (1882).
Sikkim.
Allied to *P. fasciosa*.

2326. PHURYS STRIGATA.

Phurys strigata, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Bengal.

Genus **Tochara.**

2327. TOCHARA OBLIQUA.

Tochara obliqua, Moore, Descr. Ind. Lep. Atk. ii, p. 175, pl. 6, fig. 27, (1882).
Khasi Hills, Cherra.

Genus **Arasada.**

2328. ARASADA PYRALIFORMIS.

Arasada pyraliformis, Moore, Lep. Ceyl. iii, p. 189, pl. 172, figs. 1, 1*a*, (1885).
Ceylon.

FAMILY XYLINIDÆ.

Genus **Phorica.**

2329. PHORICA PHASIPENNIS.

Phorica phasipennis, Walker, Cat. Lep. Het. B. M., xv, p. 1732, (1858).
India.

Genus **Lithophane.**

2330. LITHOPHANE DEFLEXA.

Xylina deflexa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 751, (1865).
Lithophane deflexa, Moore, Lep. Ceyl. iii, p. 39, (1884).
Ceylon.

2331. LITHOPHANE INCHOANS.

Xylina inchoans, Walker, Cat. Lep. Het. B. M. xxxiii, p. 751, (1865).
Lithophane inchoans, Moore, Lep. Ceyl. iii, p. 40, (1884).
Ceylon.

Genus **Xylina.**

2332. XYLINA SEPARATA.

Xylina separata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 752, (1865).
North India.

Genus **Lyncestis.**

2333. LYNCESTIS AMPHIX.

Phalæna (*Noctua*) *amphix*, Cram., Pap. Exot. ii, pl. 134, fig. *C*, (1777).
Lyncestis amphix, Walker, Cat. Lep. Het. B. M., xi, p. 632, (1857).
Coromandel.

Genus **Epimecia.**

2334. EPIMECIA ANGULATA.

Epimecia angulata, Walker, Trans. Ent. Soc. Lond., ser. 3, vol. 1, p. 88, (1862—64).
———————————Cat. Lep. Het. B. M., xxxiii, p. 762, (1865).
India.

Genus **Corymbia.**

2335. CORYMBIA OBLIQUA.

Corymbia obliqua, Walker, Cat. Lep. Het. B. M., xxxiii, p. 766, (1865).
Madras.

Genus **Cucullia.**

2336. CUCULLIA ALBESCENS.

Cucullia albescens, Moore, Proc. Zool. Soc. Lond., 1881, p. 357.
Dalhousie.

2337. CUCULLIA ATKINSONI.

Cucullia atkinsoni, Moore, Descr. Ind. Lep. Atk. ii, p. 131, (1882).
Sikkim.

Genus **Jarasana.**

2338. JARASANA LATIVITTA.

Jarasana lativitta, Moore, Descr. Ind. Lep. Atk. ii, p. 132, (1882).
———————Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517.

Collection Swinhoe, Karachi, Poona.
Also recorded from Benares.

FAMILY CATEPHIDÆ.

Genus **Briarda.**

2339. BRIARDA DECENS.

Briarda decens, Walker, Cat. Lep. Het. B. M., xiii, p. 1098, (1857).
———————— Butler, Ill. Typ. Lep. Het. vi, p. 37, pl. 110, fig. 6, (1886).

Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

2340. BRIARDA PRECEDENS.

Briarda precedens, Walker, Cat. Lep. Het. B. M., xiii, p. 1098, (1857) ♂.
Briarda præcedens (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Briarda precedens, Moore Lep. Ceyl. iii, p. 98, pl. 156, fig. 8, (1884).
———————— Butler, Ill. Typ. Lep. Het. vi, p. 37, pl. 110, fig. 7, (1886).
Briarda antecedens, Walker, *loc. cit.*, xiii, p. 1099, (1857). ♀

Collection Swinhoe, India.
Also recorded from Sumatra and Ceylon.

2341. BRIARDA VARIANS.

Briarda varians, Moore, Proc. Zool. Soc. Lond. 1867, p. 66, pl. 6, fig. 12.

Bengal.

Genus **Arcte.**

2342. ARCTE CŒRULEA.

Cocytodes cærulea, Guén., Noct. iii, p. 41, 1370, pl. 13, fig. 10, (1852).*
Cocytodes cærula, Walker, Cat. Lep. Het. B. M. xiii, p. 1123, (1857).
Cocytodes cærulea, Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Arcte cærulea, Moore, Lep. Ceyl. iii, p. 112, (1885).

I. M., Sikkim (Atkinson; also purchased), Shillong, Sibsagar (Peal).
Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

2343. ARCTE GRANULATA.

Cocytodes granulata, Guén., Noct. iii, p. 42, 1371.*
———————— Walker, Cat. Lep. Het. B. M., xiii, p. 1123, (1857).

India.

2344. Arcte modesta.

Catocala modesta, van der Hoeven, Lep. Nouv., pl. 7, fig. 8.*
———— Tijd. v. Natur. Gesch. vii, 1840, pl. 7, fig. 8, *var.**
Cocytodes immodesta, Guén., Noct. iii, 42, 1372.*
Cocytodes modesta, Walker, Cat. Lep. Het. B. M., xiii, p. 1123, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Arcte senica, Felder & R. Reise, Novara Lep., pl. 113, fig. 2, (1864-75).

Collection Swinhoe, Solun, Sikkim, Nilgiri Hills.
Also recorded from Java, Sumatra, Ceylon, Sylhet.

2345. Arcte nigrescens.

Arcte nigrescens, Butler, Ill. Typ. Lep. Het. vi, p. 38, pl. 110, fig. 8, (1886).

Sikkim.

2346. Arcte taprobana.

Arcte taprobana, Moore, Lep. Ceyl. iii, p. 113, pl. 160, fig. 1, (1885).

I. M., Sikkim.
Collection Swinhoe, Ceylon.

Genus **Catephia.**

2347. Catephia linteola.

Catephia linteola, Guén., Noct. iii, p. 44, 1375, (1852).*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1126, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
———— Lep. Ceyl. iii, p. 114, pl. 159, fig. 1, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.

I. M., Sikkim (purchased), Sibsagar (Peal), Calcutta (Baxter).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus **Hypospila.**

2348. Hypospila bolinoides.

Hypospila bolinoides, Guén., Noct. iii, p. 358, 1832.*
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.
———— Moore, Lep. Ceyl. iii, p. 203, (1885).
Thermesia signipalpis, Walker, Cat. Lep. Het. B. M., xv, p. 1572, (1858).

I. M. (?), Andaman Islands (purchased).
Collection Swinhoe, Bombay.
Also recorded from Hongkong.

Genus **Aucha.**

2349. Aucha nectens.

Triphæna nectens, Walker, Cat. Lep. Het. B. M. xv, p. 1704, (1858).
Triphænopsis nectens, Butler, Ann. Nat. Hist. (5), i, p. 133, (1878).
Aucha nectens, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 461.

Collection Swinhoe, Bombay.

2350. AUCHA VELANS.

Aucha velnas, Walker, Cat. Lep. Het. B. M. xiii, p. 1138, (1857).
———— Moore, Lep. Ceyl. iii, p. 130, (1885).

Ceylon.

Genus **Mosara.**

2351. MOSARA APICALIS.

Mosara apicalis, Walker, Cat. Lep. Het. B. M. v, p. 1032, (1855).
———— Moore, Lep. Ceyl. iii, p. 119, pl. 159, figs. 3, 3*a*, (1885).
Anophia lateralis, Walker, *loc. cit.* xxxiii, p. 917, (1865).
Mosara lateralis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.

Collection Swinhoe, Poona.
Also recorded from Ceylon.

Genus **Anophia.**

2352. ANOPHIA ACRONYCTOIDES.

Anophia acronyctoides, Guén., Noct. iii, 47, 1378.*
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1123, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

I. M., Andaman Islands (purchased), Sikkim.
Also recorded from Australia, Ceylon, Punjab, Nepal, Sylhet.

2353. ANOPHIA DIPHTHEROIDES.

Anophia diphtheroides, Moore, Lep. Ceyl. iii, p. 118, pl. 159, fig. 6, (1885).

Ceylon.

2354. ANOPHIA EPUNDOIDES.

Anophia epundoides, Walker, Cat. Lep. Het. B. M. xxxiii, p. 917, (1865).

Canara.

2355. ANOPHIA OLIVESCENS.

Anophia olivescens, Guén., Noct. iii, p. 48, pl. 14, fig. 11, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1128, (1857).
Anophia olivescens, Moore, Lep. Ceyl. iii, p. 117, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.
Anophia olivascens (sic), Moore, Proc. Zool. Soc. Lond. 1877, p. 606.

I. M., Bombay and Poona (Swinhoe), Cachar (Wood-Mason). Sibsagar (Peal), Ranchi (Irvine).
Collection Swinhoe, Kasauli, Karachi, Umballa, Poona, Bombay, Mhow, Ceylon.
Also recorded from Andaman Islands.

2356. ANOPHIA PERDICIPENNIS.

Anophia perdicipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 162, pl. 5, fig. 18, (1882).

Sikkim.

Genus **Zarima.**

2357. ZARIMA DENTIFERA.

Zarima dentifera, Moore, Descr. Ind. Lep. Atk. ii, p. 162, pl. 5, fig. 19, (1882).

Sikkim.

Genus **Vapara.**

2358. VAPARA FASCIATA.

Vapara fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 163, (1882).

Collection Swinhoe, Sikkim.

2359. VAPARA INDISTINCTA.

Vapara indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 163, (1882).
——————— Lep. Ceyl. iii, p. 120, pl. 159, fig. 7, (1885).

Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

Genus **Stictoptera.**

2360. STICTOPTERA BOARMIOIDES.

Steira boarmioides, Walker, Cat. Lep. Het. B. M., xxxiii, p. 923, (1865).

North India.

2361. STICTOPTERA DENTICULATA.

Stictoptera denticulata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 919, (1865).

India.

2362. STICTOPTERA GRISEA.

Stictoptera grisea, Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Sikkim.

2363. STICTOPTERA ILLUCIDA.

Stictoptera illucida, Walker, Cat. Lep. Het. B. M., xxxiii, p. 918, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Calcutta.

2364. STICTOPTERA OLIVASCENS.

Stictoptera olivascens, Moore, Descr. Ind. Lep. Atk. ii, p. 164, (1882).

Khasi Hills.
Allied to *S. denticulata*.

2365. STICTOPTERA SUBOBLIQUA.

Steiria subobliqua, Walker, Cat. Lep. Het. B. M., xiii, p. 1136, (1857).
Stictoptera subobliqua, Moore, Lep. Ceyl. iii, p. 121, pl. 159, figs. 4, 4*a*, 4*b*, (1885).

Ceylon.

2366. STICTOPTERA TRAJICIENS.

Steiria trajiciens, Walker, Cat Lep. Het. B. M., xiii, p. 1137, (1857).
Stictoptera trajiciens, Moore, Lep. Ceyl. iii, p. 122, pl. 158, fig. 12, (1885).
Ceylon.

2367. STICTOPTERA VARIABILIS.

Steiria variabilis, Moore, Descr. Ind. Lep. Atk. ii, p. 164, (1882).
Stictoptera variabilis, Moore, Lep. Ceyl iii, p. 120, pl. 159, fig. 5, (1885).
Sikkim, Ceylon.
Allied to *S. cucullioides* of Java.

Genus **Erygia.**

2368. ERYGIA APICALIS.

Erygia apicalis, Guén., Noct. iii, 50, 1381*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1129, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 67.
Calicula exempta, Walker, *loc. cit.* xv, p. 1808, (1858).
Collection Swinhoe, Mhow.

Genus **Odontodes.**

2369. ODONTODES ALEUCA.

Odontodes aleuca, Guén., Noct. iii, 51, 1382*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1130, (1857).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
I. M., Barakur, Calcutta, Solun (Swinhoe).
Collection Swinhoe, Solun, Sikkim, Bombay.

2370. ODONTODES BOLINOIDES.

Briarda bolinoides, Walker, Cat. Lep. Het. B. M., xv, p. 1802, (1858).
Steiria subfasciata, Walker, *loc. cit.*, xxxiii, p. 922, (1865).
Odontodes bolinoides, Moore, Proc. Zool. Soc. Lond. 1867, p. 67.
Steiria quadristrigata, Walker, *loc. cit.* xxxiii, p. 923, (1865).
Collection Swinhoe, Mhow.

Genus **Sadarsa.**

2371. SADARSA LONGIPENNIS.

Sadarsa longipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, pl. 5, fig. 14, (1882).
Sikkim.

2372. SADARSA TENUIS.

Cucullia tenuis, Moore, Proc. Zool. Soc. Lond. 1867, p. 60.
Sadarsa tenuis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).
Sikkim.

Genus **Gyrtona.**

2373. Gyrtona albodentata.

Gyrtona albodentata, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).

Cherrapunji, Khasi Hills.

2374. Gyrtona chalybea.

Gyrtona chalybea, Butler, Proc. Zool. Soc. Lond. 1883, p. 163.

Collection Swinhoe, Solun, Sikkim, Buxar.

2375. Gyrtona dorsalis.

Gyrtona dorsalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 98, (1863).
——————— Moore, Lep. Ceyl. iii, p. 125, pl. 158, figs. 10 & 11, (1885).
Othora subfasciata, Walker, *loc. cit.* xxxiii, p. 907, (1865).
Othora includens, Walker, *loc. cit.*, p. 909, (1865).
Ariola bryophilina, Felder & R. Reise, Novara Lep., pl. 120, fig. 10, (1864-75).

Collection Swinhoe, Ceylon, Nilgiri Hills.

2376. Gyrtona hylusalis.

Gyrtona hylusalis, Walker, Cat. Lep Het. B. M. xxvii, p. 93, (1863).
——————— Moore, Lep. Ceyl. iii, p. 124, (1885).
Gyrtona nigrocinerea, Walker, *loc. cit.* xxvii, p. 94, (1863).
Gyrtona dorsifascialis, Walker, *loc. cit.* xxvii, p. 95, (1863).
Gyrtona strenualis, Walker, *loc. cit.* xxvii, p. 96, (1863).
Gyrtona monilialis, Walker, *loc. cit.* xxvii, p. 97, (1863).
Nephopteryx demptella, Walker, *loc. cit.* xxxv, p. 1721, (1866).

Ceylon.

2377. Gyrtona muscosa.

Diomea muscosa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 898, (1865).
Gyrtona muscosa, Moore, Lep. Ceyl. iii, p. 124, (1885).

Ceylon.

2378. Gyrtona phycisoides.

Gyrtona phycisoides, Moore, Lep. Ceyl. iii, p. 125, pl. 158, fig. 8, (1885).

Ceylon.

2379. Gyrtona thoracia.

Gyrtona thoracia, Walker, Cat. Lep. Het. B. M. xxvii, p. 9, (1863).
Gyrtona thoracica (sic), Moore, Lep. Ceyl. iii, p. 124, (1885).

Ceylon.

Genus **Lophoptera.**

2380. LOPHOPTERA COSTATA.

Lophoptera costata, Moore, MS.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 163.
——————— Moore, Lep. Ceyl. iii, p. 123, pl. 159, fig. 8, (1885).

Collection Swinhoe, Dharmsala.
Also recorded from Ceylon.

2381. LOPHOPTERA XYLINATA.

Lophoptera xylinata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 920, (1865).

Canara.

Genus **Ægilia.**

2382. ÆGILIA ANGULATA.

Ægilia angulata, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).

Sikkim.

2383. ÆGILIA DESCRIBENS.

Ægilia describens, Walker, Cat. Lep. Het. B. M. xiii, p. 1139, (1857).
——————— Moore, Lep. Ceyl. iii, p. 122, (1885).

Ceylon.

2384. ÆGILIA OBSCURA.

Ægilia obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).

Sikkim, Sarawak.

Genus **Brana.**

2385. BRANA CALOPASA.

Brana calopasa, Walker, Cat. Lep. Het. B. M., xiii, p. 1100, (1857).
——————— Moore, Lep. Ceyl. iii, p. 44, pl. 148, fig. 6, (1884).

Collection Swinhoe, Ceylon.

Genus **Athyrma.**

2386. ATHYRMA DIVULSA.

Athyrma divulsa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 966, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Collection Swinhoe, Sylhet, Bombay.

2387. ATHYRMA POLYSPILA.

Athyrma polyspila, Walker, Cat. Lep. Het. xxxiii, p. 966, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Collection Swinhoe, India.
Also recorded from Sylhet.

2387. Athyrma tessellata.

Athyrma tessellata, Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Bengal.

Family HYPOGRAMMIDÆ.

Genus **Callyna.**

2389. Callyna costiplaga.

Callyna costiplaga, Moore, Lep. Ceyl. iii, p. 100, pl. 156, fig. 10, (1884).
Ceylon.

2390. Callyna jugaria.

Callyna jugaria, Walker, Cat. Lep. Het. B. M., xv, p. 1809, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
I. M., Cachar (Wood-Mason), Andaman Islands (purchased).
Collection Swinhoe, Poona.

2391. Callyna monoleuca.

Callyna monoleuca, Walker, Cat. Lep. Het. B. M., xv, p. 1667, (1858); and xxxiii, p. 914, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
I. M., Sikkim (purchased), Sibsagar (Peal).
Collection Swinhoe, Sikkim.
Also recorded from Canara.

2392. Callyna semivitta.

Callyna semivitta, Moore, Descr. Ind. Lep. Atk. ii, p. 161, (1882).
——————— Waterhouse, Aid. iii, pl. 160, fig. 3, (1885)*.
Sikkim.
Allied to *C. jugaria*.

2393. Callyna siderea.

Callyna siderea, Guén., Noct. i, 113, 178*.
——————— Walker, Cat. Lep. Het. B. M., xiii, p. 1119, (1857).
——————— Moore, Zool. Soc. Lond. 1867, p. 66.
Callyna sidera (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
I. M., Poona.
Collection Swinhoe, Poona.
Also recorded from North India and Sylhet.

Genus **Dinumma.**

2394. Dinumma deponens.

Dinumma deponens, Walker, Cat. Lep. Het. B. M., xv, p. 1806, (1858).
India.

2395. Dinumma mystica.

Dinumma mystica, Walker, Cat. Lep. Het. B. M., xv, p. 1807, (1858).
India.

2396. Dinumma placens.

Dinumma placens, Walker, Cat. Lep. Het., xv, p. 1806, (1858).
——————— Moore, Lep. Ceyl. iii, p. 101, pl. 156, fig. 11, (1884).
Collection Swinhoe, Dharmsala.
Also recorded from Ceylon.

Genus **Burdria.**

2397. Burdria edemoides.

Burdria edemoides, Walker, Char. Undescr. Lep. Het., p. 50, (1869).
India.

Genus **Corsa.**

2398. Corsa lignicolora.

Corsa lignicolora, Walker, Cat. Lep. Het. B. M., xiii, p. 1101, (1857).
——————— Moore, Lep. Ceyl. iii, p. 99, pl. 156, fig. 9, (1884).
Ceylon.

Genus **Hypogramma.**

2399. Hypogramma quadrinotata.

Hypogramma quadrinotata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 89, (1865).
India.

2400. Hypogramma validula.

Hypogramma validula, Walker, Cat. Lep. Het. B. M., xxxiii, p. 893, (1865).
Punjab.

Genus **Gadirtha.**

2401. Gadirtha decrescens.

Gadirtha decrescens, Walker, Cat. Lep. Het., xiii, p. 1104, (1857).
——————— Moore, Lep. Ceyl. iii, p. 102, (1884).
Ceylon.

2402. Gadirtha impingens.

Gadirtha impingens, Walker, Cat. Lep. Het. B. M., xiii, p. 1103, (1857).
Collection Swinhoe, Hongkong.
Also recorded from India.

2403. Gadirtha inexacta.

Gadirtha inexacta, Walker, Cat. Lep. Het. B. M., xiii, p. 1102, (1857).
Collection Swinhoe, North India.

2404. Gadirtha rectifera.

Gadirtha rectifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 897, (1865).
——————— Moore, Lep. Ceyl. iii, p. 101, (1884).
Ceylon.

Genus **Plotheia.**

2405. Plotheia ænea.

Othora ænea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520, pl. 48, fig. 1.
Collection Swinhoe, Karachi.

2406. Plotheia albivitta.

Othora albivitta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 908, (1865).
Plotheia albivitta, Moore, Lep. Ceyl. iii, p. 111, (1885).
Ceylon.

2407. Plotheia albotecta.

Othora albotecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 903, (1865).
Plotheia albotecta, Moore, Lep. Ceyl. iii, p. 109, (1885).
Ceylon.

2408. Plotheia basifascia.

Othora basifascia, Walker, Cat. Lep. B. M., xxxiii, p. 911, (1865).
Plotheia basifascia, Moore, Lep. Ceyl. iii, p. 107, pl. 157, fig. 8, (1885).
Ceylon.

2409. Plotheia cinerascens.

Othora cinerascens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 903, (1865).
Plotheia cinerascens, Moore, Lep. Ceyl. iii, p. 109, (1885).
Ceylon.

2410. Plotheia concisa.

Othora concisa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 910, (1865).
Plotheia concisa, Moore, Lep. Ceyl. iii, p. 110, (1885).
Ceylon.

2411. Plotheia frontalis.

Plotheia frontalis, Walker, Cat. Lep. Het. B. M., xiii, p. 1109, (1857).
——————— Moore, Lep. Ceyl. iii, p. 106, pl. 157, fig. 6, (1885).
Othora canescens, Walker, *loc. cit.* xxxiii, p. 904, (1865).
Collection Swinhoe, Ceylon.

2412. Plotheia griseovirens.

Plotheia griseovirens, Moore, Lep. Ceyl. iii, p. 108, pl. 158, fig. 2, (1885).

Ceylon.

2413. Plotheia guttulosa.

Gadirtha guttulosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 897, (1865).
Othora onusta, Walker, *loc. cit.*, p. 905, (1865).
Othora signata, Walker, *loc. cit.*, p. 906, (1865).
Plotheia guttulosana (sic), Moore, Lep. Ceyl. iii, p. 107, pl. 158, fig. I, (1885).

Collection Swinhoe, India.
Also recorded from Ceylon.

2414. Plotheia imprimens.

Othora imprimens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 911, (1865).
Plotheia imprimens, Moore, Lep. Ceyl. iii, p. 110, (1885).

Ceylon.

2415. Plotheia lativitta.

Plotheia lativitta, Moore, Lep. Ceyl. iii, p. 106, pl. 157, fig. 11, (1885).

Ceylon.

2416. Plotheia lichenoides.

Galleriomorpha lichenoides, Felder, Wien Ent. Mon. vi, 1862, Note, p. 38.
——————— Reise, Novara Lep., pl. 100, fig. 15, (1864-75).
——————— Nietner, Rev. et Mag. de Zool., 864, p. 60.
———————, Observs. on Enemies of Coffee Tree in Ceylon, p. 23.*
Plotheia lichenoides, Moore, Lep. Ceyl. iii, p. 108, pl. 157, fig. 9, (1885).

Ceylon.

2417. Plotheia orbicularis.

Diomea orbicularis, Walker, Cat. Lep. Het. B. M., xv, p. 1804, (1858).
Plotheia orbicularis, Moore, Lep. Ceyl. iii, p. 111, (1885).

Ceylon.

2418. Plotheia plagiata.

Othora plagiata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 907, (1865).
Plotheia plagiata, Moore, Lep. Ceyl. iii, p. 110, (1885).

Ceylon.

2419. Plotheia rudivitta.

Egclesta rudivitta, Walker, Cat. Lep. Het. B. M., xv, p. 1748, (1858).
Plotheia rudivitta, Moore, Lep. Ceyl. iii, p. 111, (1885).

Ceylon.

2120. Plotheia spurcata.

Gadirtha spurcata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 896, (1865).
Othora lata, Walker, *loc. cit.* xxxiii, p. 909, (1865).
Plotheia spurcata, Moore, Lep. Ceyl. iii, p. 106, pl. 157, figs. 5, 7, and 12, (1885).

Ceylon.

2121. Plotheia subglauca.

Othora subglauca, Walker, Cat. Lep. Het. B. M. xxxiii, p. 905, (1865).
Plotheia subglauca, Moore, Lep. Ceyl. iii, p. 110, (1885).

Ceylon.

2122. Plotheia velata.

Othora velata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 902, (1865).
Plotheia velata, Moore, Lep. Ceyl. iii, p. 109, (1885).

Ceylon.

Genus **Mœpa.**

2123. Mœpa albidens.

Mœpa albidens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 916, (1865).

South India.

Genus **Selepa.**

2124. Selepa celtis.

Selepa celtis, Moore, Cat. Lep. Mus. E. I. C. ii, p. 353, pl. 9*a*. fig. 9, and pl. 16, figs. 8, 8*a*, (1857).
———————Lep. Ceyl. iii, p. 103, pl. 158, fig. 5, (1884).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412, pl. 15, fig. 4.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
Subrita curviferella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1745, (1866).
Selepa curviferella, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 449.

Collection Swinhoe, Bombay, Poona, Mhow.
Also recorded from Ceylon.

2125. Selepa docilis.

Selepa docilis, Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Collection Swinhoe, Karachi, Hydrabad (Sind).

2126. Selepa occulta.

Selepa occulta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461, pl. 27, fig. 11; and 1886, p. 449.

Collection Swinhoe, Poona, Mhow.

2427. Selepa strigifera.

Selepa strigifera, Moore, Lep. Ceyl. iii, p. 103, pl. 158, figs. 3, 3*a*, (1884).
Ceylon.

2428. Selepa vitea.

Selepa vitea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460, pl. 27, fig. 17.
I. M., Khandalla (Swinhoe).
Collection Swinhoe, Bombay, Khandalla.

Genus **Symitha.**

2429. Symitha indica.

Sarrothripa indica, Felder & R. Reise, Novara Lep. iv, pl. 106, fig. 19, (1864-75).
Symitha indica, Moore, Lep. Ceyl. iii, p. 104, pl. 158, fig. 6, (1884).
Ceylon.

2430. Symitha sceptica.

Symitha sceptica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461, pl. 27, fig. 6.
Bombay.

Genus **Cletthara.**

2431. Cletthara basalis.

Cletthara basalis, Moore, Lep. Ceyl. iii, p. 105, pl. 158, fig. 7, (1884).
Ceylon.

Family POLYDESMIDÆ.

Genus **Bamra.**

2432. Bamra acronyctoides.

Bamra acronyctoides, Moore, Descr. Ind. Lep. Atk. ii, p. 160, (1882).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.
Collection Swinhoe, Umballa, Poona, Mhow.
Also recorded from Sikkim.

2433. Bamra albicola.

Felinia albicola, Walker, Cat. Lep. Het. B. M., xiv, p. 1515, (1858).
Bamra albicola, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).
India.

2434. Bamra discalis.

Agriopis discalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. vii, fig. 2.
Bamra discalis, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).

I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swhinhoe, Sibsagar.

2435. Bamra lepida.

Agriopis lepida, Moore, Proc. Zool. Soc. Lond. 1867, p. 56.

Bengal.

Genus **Oromena.**

2436. Oromena relinquenda.

Briarda relinquenda, Walker, Cat. Lep. Het. B. M., xv, p. 1802, (1858).
Oromena reliquenda (sic), Moore, Descr. Ind. Lep. Atk. ii, p. 160, (1882).

I. M., Sikkim (purchased), Mergui (Anderson).
Collection Swinhoe, Sikkim.

Genus **Donda.**

2437. Donda eurychlora.

Dandaca eurychlora, Walker, Cat. Lep. Het. B. M., xv, p. 1670, (1858).
Donda eurychlora, Moore, Proc. Zool. Soc. Lond. 1883, p. 23.

Canara, Sikkim.

2438. Donda ornata.

Donda ornata, Moore, Proc. Zool. Soc. Lond. 1883, p. 23, pl. 6, fig. 3.

Bombay.

2439. Donda striatovirens.

Donda striatovirens, Moore, Proc. Zool. Soc. Lond. 1883, p. 23, pl. 6, fig. 2.

Cherrapunji.

2440. Donda thoracica.

Donda thoracica, Moore, Descr. Ind. Lep. Atk. ii, p. 161, pl. v, fig. 7, (1882).

Sikkim.

Genus **Pandesma.**

2441. Pandesma devia.

Pandesma devia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520, pl. 48, fig. 3.

Collection Swinhoe, Karachi, Gonda, Hydrabad (Sind).

2442. Pandesma hemodi.

Pandesma hemodi, Felder & R. Reise, Novara Lep., pl. 111, fig. 25, (1864-75).

I. M., Sikkim (purchased).

2443. PANDESMA QUENAVADI.

Pandesma quenavadi, Guén., Noct. ii, p. 438, No. 1310.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1040, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.
———— Moore, Lep. Ceyl. iii, p. 91, pl. 156, fig. 1, (1884).
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
Pandesma anysa, Guén. Noct. ii, 439, 1311.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1040, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1883, p. 23.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.
Cerbia fugitiva, Walker, *loc. cit.* xiv, p. 1365, (1858).
Thria fugitiva, Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
Pandesma fugitiva, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519.

Collection Swinhoe, Solun, Mhow, Poona, Bombay, Karachi.
Also recorded from Campbellpore and Sylhet.

Genus **Pandesma.**

2444. PANDESMA SIMILATA.

Pandesma similata, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Collection Swinhoe, Shikapore (Sind).
Also recorded from Rawalpindi, Allahabad.

2445. PANDESMA SUBLIMIS.

Pandesma (?) sublimis, Felder & R. Reise, Novara Lep., pl. 111, fig. 23, (1864—1875).

I. M., Sikkim (purchased).

Genus **Polydesma.**

2446. POLYDESMA BOARMOIDES.

Polydesma boarmoides, Guén., Noct. ii, p. 441, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1042, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65; and 1877, p. 606.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.
Polydesma mastrucata, Felder & R. Reise, Novara, Lep., pl. iii, fig. 31, (1864-75).
Anodapha boarmoides, Moore, Lep. Ceyl. iii, p. 92, pl. 156, fig. 2, (1884).
Alamis brevipalpis, Walker, Cat. Lep. Het. B. M. xiii, p. 1051, (1857).
Polydesma brevipalpis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and 1886, p. 448.

Collection Swinhoe, Mhow, Poona, Bombay, Sikkim, Ceylon.
Also recorded from Ceylon, Andaman Islands, Sylhet, Cashmir.

2447. Polydesma erubescens.

Polydesma erubescens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 876, (1865).
Anodapha erubescens, Moore, Lep. Ceyl. iii, p. 92, (1884).

Ceylon.

2448. Polydesma otiosa.

Polydesma otiosa, Guén., Noct. ii, 442, 1316.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1042, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

2449. Polydesma scriptilis.

Polydesma scriptilis, Guén., Noct. ii, 442, 1315.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1042, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

Genus **Thria.**

2450. Thria inepta.

Thria (?) inepta, Butler, Proc. Zool. Soc. Lond. 1881, p. 620.
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.

Collection Swinhoe, Chaman (South Afghanistan).

Family HOMOPTERIDÆ.

Genus **Alamis.**

2451. Alamis continua.

Alamis continua, Walker, Cat. Lep. Het. B. M. xxxiii, p. 877, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 448.
Homoptera continua, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412, pl. 15, fig. 9.

Collection Swinhoe, Mhow.

2452. Alamis glaucinans.

Alamis glaucinans, Guén., Noct. iii, 6, 1326.*
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1050, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

2453. Alamis hypophæa.

Alamis hypophæa, Guén., Noct. iii, 4, 1323.*
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1049, (1857).

India.

2454. ALAMIS INFLIGENS.

Homoptera infligens, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
Alamis infligens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Poona and Karachi (Swinhoe).
Collection Swinhoe, Poona, Bombay, Karachi.

2455. ALAMIS UMBRINA.

Alamis umbrina, Guén., Noct. iii, 4, 1321.*
———————Walker, Cat. Lep. Het. B. M., xiii, 1049, (1857).
———————Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
———————Moore, Journ. As. Soc. Beng. liii, pt. 2, p. 236, (1884).
var. *Alamis albicincta*, Guén., Noct., p. 4, No. 1322.*
——————— Walker, *loc. cit.*, xiii, p. 1049, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.

I. M., Cachar (Wood-Mason), Calcutta, Kulu (Young).
Collection Swinhoe, Solun, Mhow, Campbellpore, Karachi.
Also recorded from Sylhet, Poona.

Genus **Caduca.**

2456. CADUCA MELEAGRIS.

Alamis meleagris, Felder & R. Reise, Novara Lep., pl. 111, fig. 32, (1864-75).
Caduca meleagris, Moore, Lep. Ceyl. iii, p. 96, pl. 156, fig. 7, (1884).

Ceylon.

Genus **Homoptera.**

2457. HOMOPTERA ALBOPUNCTATA.

Homoptera albopunctata, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).

North India.

2458. HOMOPTERA ANTICA.

Homoptera antica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 887, (1865).

South India.

2459. HOMOPTERA CATENATA.

Homoptera catenata, Moore, Lep. Ceyl. iii, p. 550, pl. 214, fig. 1, (1887).

Ceylon.

2460. HOMOPTERA COSTIFERA.

Homoptera costifera, Walker, Cat. Lep. Het B. M. xxxiii, p. 886, (1865).
——————— Moore, Lep. Ceyl. iii, p. 97, (1884).

Ceylon.

2461. HOMOPTERA DETERSA.

Homoptera detersa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 888, (1865).

North India.

2462. Homoptera intenta.

Homoptera intenta, Walker, Cat. Lep. Het. B. M. xiii, p. 1070, (1857).
Campbellpore.

2463. Homoptera plumipes.

Homoptera plumipes, Walker, Cat. Lep. Het. B. M. xxxiii, p. 883, (1865).
North India.

2464. Homoptera procumbens.

Homoptera procumbens, Walker, Cat. Lep. Het. B.M. xxxiii, p. 886, (1865).
———— Moore, Lep. Ceyl. iii, p. 97, (1884).
Ceylon.

2465. Homoptera retrahens.

Homoptera retrahens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 887, (1865).
———— Moore, Lep. Ceyl. iii, p. 97, (1884).
Ceylon.

2466. Homoptera solita.

Homoptera solita, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411, pl. 14, fig. 9.
Mhow.

2467. Homoptera vetusta.

Polydesma vetusta, Walker, Cat. Lep. Het. B. M. xxxiii, p 875, (1865).
Homoptera vetusta, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.
Collection Swinhoe, Karachi, Mhow.

2468. Homoptera vilis.

Homoptera vilis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 889, (1865).
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.
Collection Swinhoe, Campbellpore.

Genus **Panilla.**

2469. Panilla dispila.

Homoptera dispila, Walker, Cat. Lep. Het. B. M. xxxiii, p. 890, (1865).
Homoptera divisistriga, Walker, M. S. B. M. Cab.
Panilla dispila, Moore, Lep. Ceyl. iii, p. 93, pl. 156, fig. 12, (1884).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
Collection Swinhoe, Poona, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Girpa.**

2470. GIRPA ERIOPHORA.

Hulodes eriophora, Guén., Noct. iii, p. 210, 1611, ♀, (1852)*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1336, (1858).
Ophisma deficiens, Walker, *loc. cit.* xiv, p. 1383, (1858).
Remigia perfidiosa, Walker, *loc. cit.* xiv, p. 1511, (1858).
Hypopyra apicalis, Walker, Journ. Linn. Soc. vii, p. 178, (1864).
Ophisma cunulifera, Walker, M. S. B. M. Coll.
Girpa eriophora, Moore, Lep. Ceyl. iii, p. 95, pl. 156, fig. 4, ♀, (1884).
Cotuza deficiens, Moore, Proc. Zool. Soc. Lond. 1867, p. 74, pl. 7, fig. 1.

I. M., Sibsagar.

Collection Swinhoe, Ceylon, Nilgiri Hills.

Also recorded from Sylhet and China.

2471. GIRPA FRATERNA.

Girpa fraterna, Moore, Lep. Ceyl. iii, p. 94, pl. 156, figs. 5, 5*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Khandalla, and Nilgiri Hills (Swinhoe).

Collection Swinhoe, Khandalla, Matheran, Mhow, Nilgiri Hills, Poona, Bombay, Ceylon.

2472. GIRPA INANGULATA.

Hulodes inangulata, Guén., Noct. iii, 210, 1612*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1337, (1858).
——————— Moore, Proc. Zool. Lond. 1867, p. 73.
Remigia optativa, Walker, *loc. cit.* xiv, p. 1510, (1858).
Remigia optatura, Walker, *loc. cit.* xv, 1848, (1858).
Remigia comitata, Walker, *loc. cit.* xxxiii, p. 1018, (1865).
Hulodes umbrosa, Walker, Char. Undescr. Lep. Het. p. 91, ♂, 1869.
Girpa inangulata, Moore, Lep. Ceyl. iii, p. 94, pl. 156, figs. 6 & 6*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
Girpa optativa, Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
Alamis optatura, Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
Girpa optatura, Butler, Proc. Zool. Soc. Lond. 1881, p. 620.

I. M., Andaman Islands (DeRoepstorff), Ceylon (Colombo Museum), Sikkim.

Collection Swinhoe, Solun, Kasaoli, Sikkim, Mhow, Poona, Bombay, Ahmedabad, Nilgiri Hills.

Also recorded from Sylhet, Madras, Benares, and China.

2473. GIRPA PERTENDENS.

Remigia pertendens, Walker, Cat. Lep. Het. B. M., xiv, p. 1512, (1858).
Girpa pertendens, Moore, Lep. Ceyl. iii, p. 95, pl 156, figs. 3 & 3*a*, (1884).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Kulu, Poona, Nilgiri Hills.

Also recorded from Ceylon.

Family OPHIDERIDÆ.

Genus Argadesa.

2474. Argadesa materna.

Phalæna (*Noctua*) *materna*, Linn., Syst. Nat. ii, p. 840, 117, (1767).
——————— Drury, Ins. ii, p. 24, pl. 13, fig. 4, (1773).
——————— Cram., Pap. Exot. ii, pl. 174, fig. B, (1777), & iii, pl. 267, fig. E, (1780).
Noctua materna, Fabr., Sp. Ins. ii, p. 212, No. 16, (1781).
——————— Mant. Ins. ii, 137, No. 20, (1787).
——————— Ent. Syst. iii, 2, p. 16, No. 27, (1794).
Noctua hybrida, Fabr., Syst. Ent., p. 593, No. 11, (1775).
Rhytia materna, Hübn., Verz. Bek. Schmett, p. 264, No. 2594, (1816).
Triphœa materna, Westw., Nat. Libr. Exot. Moths, 201, pl. 25, fig. 2*.
——————— Ed. Drury, ii, 26, pl. 63, fig. 4*.
Ophideres materna, Boisd., Faun. Mad. Lep., p. 100, 2*.
——————— Guén., Noct. iii, p. 113, 1480*.
——————— Walker, Cat. Lep. Het. B. M. xiii, p. 1221, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.
Argadesa materna, Moore, Trans. Zool. Soc. Lond. 1881, p. 74, pl. 12, figs. 4, 4*a*, *b*, *c*, *d*, and pl. xiv, figs. 3 & 3*a*.
——————— Lep. Ceyl. iii, p. 133, pl. 161, fig. 2, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463; and 1886, p. 450.

I. M., Barakur. No locality (Karachi Museum).

Collection Swinhoe, Solun, Belgaum, Satara, Mhow, Poona, Bombay, Karachi.

Also recorded from Calcutta, Lucknow, Allahabad, Canara, Madras, Ceylon, Java.

Genus Othreis.

2475. Othreis ancilla.

Phalæna (*Noctua*) *ancilla*, Cram., Pap. Exot. ii, pl. 149, fig. F, (1777).
Ophiusa strigata, Donov., Ins., Ind., pl. 54, Fig. 2, (1838).
Othreis homœna, Hübn., Verz. Bek. Schmett, p. 264, No. 2597, (1816).
Ophideres ancilla, Guén., Noct., p. iii, 114, 1482, ♀*.
——————— Walker, Cat. Lep. Het. B. M. xiii, p. 1224, (1857).
Ophideres bilineosa, Walker, Cat. Lep. Het. B. M., p. xiii, 1227, (1857).
Othreis ancilla, Moore, Trans. Zool. Soc. Lond. 1881, p. 67, pl. 12, figs. 2 & 2*a*, pl. 13, figs. 3, 3*a*.
——————— Lep. Ceyl. iii, p. 132, pl. 161, figs. 3, 3*a*, *b*, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Ceylon (Mackwood), Sikkim (purchased), Sylhet, Bombay (Swinhoe).

Collection Swinhoe, Nilgiri Hills, Satara, Bombay, Poona, Ceylon.

Also recorded from Allahabad, Canara.

2476. Othreis cajeta.

Phalæna (*Noctua*) *cajeta*, Cram., Pap. Exot. i, pl. 30, figs. A, B, C (1775), (*nec* Walker).
Corycia cajeta, Hübn., Verz. Bek. Schmett, p. 265, No. 2599, (1816).
Ophideres, cajeta, Guén., Noct. iii, p. 112, 1478, ♂ & ♀*.
——————— Walker, Cat. Lep. Het. xiii, 1223, (1857).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

OTHREIS CAJETA—*continued*.

Ophideres multiscripta, Walker, Cat. Lep. Het. B. M. xiii, p. 1226, (1857).
Othreis cajeta, Moore, Trans. Zool. Soc. 1881, p. 67, pl. xiii, figs. 2, 2*a*.
———— Lep. Ceyl. iii, p. 132, pl. 162, figs. 1, 1*a*, (1885).
———— Swinhoe, Proc. Zool. Soc. 1885, p. 463.

I. M., Sibsagar (Peal), Sylhet.
Collection Swinhoe, Belgaum, Ceylon.
Also recorded from Malabar, Madras, Sumatra, Australia, New Hebrides (?), Africa.

2477. OTHREIS FULLONICA.

Phalæna (*Noctua*) *fullonica*, Linn., Syst. Nat. ii, p. 812, 16, (1767).
Phalæna fullonia, Clerck Icones, pl. 48, (1759).
Noctua dioscoreæ, Fabr., Sp. Ins. ii, p. 212, No. 15, (1781).
———— Syst. Ent., p. 593, (1775).
———— Mant. Ins. ii, p. 137, No. 19, (1787).
———— Ent. Syst. iii, 2, p. 16, No. 26, (1794).
Phalæna (*Noctua*) *pomona*, Cram., Pap. Exot. vol. I, pl. 77, fig. C, (1776).
Othreis pomona, Hübn., Verz. Bek. Schmett, p. 264, No. 2596, (1816).
Corycia dioscoreæ, Hübn., Verz. Bek. Schmett, p. 265, No. 2600, (1816).
Ophideres fullonica, Guén., Noct. iii, p. 111, 1477*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1222, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 607.
Ophideres cajeta, Walker, *loc. cit.*, xiii, p. 1223, (1857).
Othreis fullonica, Moore, Trans. Zool. Soc. Lond. 1881, p. 64, pl. 12, figs. 1, 1*a*, and pl. 13, figs. 1, 1*a*.
———— Lep. Ceyl. iii, p. 131, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463, and 1886, p. 450.

I. M., Sibsagar (Peal), Darbhanga (Maries), Kulu (Young), Khasi Hills (Chennel), Andaman Islands (purchased), Sikkim (purchased; also Barnes), Shillong, Buxa (Moti Ram), Cachar (Wood-Mason), Tavoy (Moti Ram).
Collection Swinhoe, Mhow, Sikkim, Bombay, Karachi, Ceylon.
Also recorded from Africa, Australia, New Hebrides, Navigators' Islands, East Indian Islands, Malay.

Genus **Mænas**.

2478. MÆNAS SALAMINIA.

Noctua salaminia, Fabr., Ent. Syst. iii, 2, p. 17, No. 28, (1794).
Phalæna (*Noctua*) *salaminia*, Cramer, Pap. Exot. ii, pl. 174, fig. A, (1777).
Mænas salaminea (sic), Hübn., Verz. Bek. Schmett, p. 264, No. 2592, (1816).
———— Moore, Trans. Zool. Soc. Lond. 1881, p. 71, pl. 12, figs. 3, 3*a*, 3*b*, and pl. 14, fig. 2.
———— Lep. Ceyl. iii, p. 134, pl. 161, figs. 1, 1*a*, 1*b*, (1885).
Ophideres salamina, Guén., Noct. iii, p. 115, 1484*.
Ophideres salaminia, Walker, Cat. Lep. Het. B. M., xiii, p. 1225, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Cachar (Wood-Mason), Sikkim (Barnes; also purchased), Sibsagar (Peal), Calcutta, Khasi Hills (Chennel), Cherra, Sylhet, Nicobar Islands (purchased).
Collection Swinhoe, Solun, Sikkim, Ceylon.
Also recorded from Japan, China, Formosa, Singapore, Java, Australia.

Genus **Rhytia.**

2479. RHYTIA COCALE.

Phalæna (*Noctua*) *cocalus*, Cram., Pap. Exot. ii, pl. 134, fig. B, (1777).
Rhytia cocale, Hübn., Verz. Bek. Schmett, p. 264, No. 2593, (1816).
———— Moore, Trans. Zool. Soc. Lond. 1881, p. 73, pl. 12, figs. 5, 5*a*, and pl. 14, figs. 5, 5*a*.
Ophideres cocalus, Guén., Noct. iii, p. 115, 1485*.
———— Walker, Cat. Lep. Het. B. M. xiii, p. 1225, (1857).
Noctua maculata, Weber, Observ. Ent., p. 111, (1801)*.
Ophideres plana, Walker, *loc. cit.*, xiii, p. 1226, (1857).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Java.
Collection Swinhoe, Java.
Also recorded from Coromandel and Sylhet.

2480. RHYTIA HYPERMNESTRA.

Phalæna (*Noctua*) *hypermnestra*, Cram., Pap. Exot. iv, pl. 323, figs. A, B, (1780).
Rhytia hypermnestra, Hübn., Verz. Bek. Schmett, p. 264, No. 2595, (1816).
————Moore, Trans. Zool. Soc. Lond. 1881, p. 73, pl. 12, fig. 6, and pl. 14, figs. 4, 4*a*.
———— Lep. Ceyl. iii, p. 135, pl. 162, figs. 3, 3*a*, (1885).
————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.
Ophideres hypermnestra, Guén., Noct. iii, p. 116, 1486*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1225, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 608.
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 619.

I. M., Sylhet, Sikkim (purchased), Andaman Islands (purchased), Tavoy (Moti Ram).
Collection Swinhoe, Malabar, Poona, Belgaum, Sikkim, Ceylon.
Also recorded from Canara, Nilgiri Hills, Khasi Hills, Moulmein.

Genus **Khadira.**

2481. KHADIRA AURANTIA.

Ophideres aurantia, Moore, Proc. Zool. Soc. Lond. 1877, p. 607.
Khadira aurantia, Moore, Trans. Zool. Soc. Lond. 1881, p. 69, pl. 13, fig. 4.
Collection Swinhoe, Andaman Islands.

Genus **Adris.**

2482. ADRIS RUTILUS.

Adris rutilus, Moore, Trans. Zool. Soc. Lond. 1881, p. 70.
————Lep. Ceyl. iii, p. 136, pl. 162, figs. 2, 2*a*, (1885).
Ceylon.

2483. ADRIS TYRANNUS.

Ophideres tyrannus, Guén., Noct. iii, 110, 1476.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1224, (1857).
Adris tyrannus, Moore, Trans. Zool. Soc. Lond. 1881, p. 69, pl. 13, fig. 5.
I. M., Sikkim (purchased), Kulu (Young).
Collection Swinhoe, Sikkim.
Also recorded from Simla, Bombay, Shanghai, Japan.

Genus **Purbia.**

2484. PURBIA DISCREPANS.

Ophideres discrepans, Walker, Cat. Lep. Het. B. M., xiii, p. 1227, (1857).
Ophideres archon, Felder & R,, Reise der Novara Lep., pl. 113, fig. 3, (1864-75).
Purbia discrepans, Moore, Trans. Zool.Soc. Lond. 1881, p. 71, pl. 14, fig. 1.
I. M., Sibsagar (Peal).
Also recorded from Malabar, Siam, Singapore, Java.

Genus **Phyllodes.**

2485. PHYLLODES CONSOBRINA.

Phyllodes consobrina, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 2, (1848).
———————— Walker, Cat. Lep. Het. B. M., p. xiii, 1232, (1857).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 608.
Bombyx conspicillator, Fabr., (*nec* Cramer), Ent. Syst. iii, p. 412, No. 14, (1793).
Phyllodes perspicillator, Guén., Noct. iii, 120, 1494*.
I. M., Sibsagar (Peal), Sikkim (purchased), Sylhet.
Collection Swinhoe, Sylhet.
Also recorded from the Andaman Islands.

2486. PHYLLODES FASCIATA.

Phyllodes fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
I. M., Sikkim (purchased; also Barnes), Sibsagar (Peal).
Collection Swinhoe, Sikkim.

2487. PHYLLODES MALIGERA.

Phyllodes maligera, Butler, Ent. Monthly Mag. xx, p. 138, (1883).
———————— Moore, Lep. Ceyl. iii, p. 137, pl. 163, figs. 2, 2*a*, (1885).
Ceylon.

2488. PHYLLODES ORNATA.

Phyllodes ornata, Moore, Descr. Ind. Lep. Atk. ii, p. 166, (1882).
I. M., Cherra, Sikkim (purchased; also Barnes).
Collection Swinhoe, Sikkim.

2489. PHYLLODES ROSEIGERA.

Phyllodes roseigera, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.
Allied to *P. consobrina*.

2490. Phyllodes ustulata.

Phyllodes ustulata, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 1, (1884).
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1233, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.
Phyllodes despicillator, Guén., Noct. iii, p. 122, 1497*.

I. M., Sikkim (purchased; also Barnes).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

2491. Phyllodes verhuellii.

Phyllodes verhuellii, Voll., Tijd. voor Ent. i, p. 166, pl. 8*.
———— Moore, Journ. As. Soc. Beng., vol. lv., pt. 2, p. 100, (1886).

I. M., Tavoy (Moti Ram).

Genus **Ischyja.**

2492. Ischyja manlia.

Phalæna (*Noctua*) *manlia*, Cram., Pap. Exot. i, pl. 92, fig. A, (1776).
Noctua manlia, Fabr., Ent. Syst. iii, 2, p. 28, No. 65, (1794).
Ischyja manlia, Hübn., Verz. Bek. Schmett, p. 265, No. 2602, (1816).
———— Moore, Lep. Ceyl. iii, p. 138, pl. 163, figs. 1, 1*a*, 1*b*, (1885).
Potamophora manlia, Guén., Noct. iii, p. 123, (1852)*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1234, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 69; 1877, 608; and 1878, p. 848.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Perak (purchased), Sikkim (purchased), Buxa (Moti Ram), Kulu (Young), Tavoy (Moti Ram), Mussoorie (Templeton), Java (DeNiceville).
Collection Swinhoe, Sikkim, Dharmsala, Khandalla, Bombay, Ceylon.
Also recorded from Andaman Islands, Borneo, Philippine Islands, and China.

Genus **Lygniodes.**

2493. Lygniodes ciliata.

Lygniodes ciliata, Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

Bengal.

2494. Lygniodes endoleuca.

Lygniodes endoleuca, Guén., Noct. iii, 124*.
———— Walker, Cat. Lep. Het. B. M., xiii, p. 1235, (1857).

Java, Mount Ophir.

2495. Lygniodes hypoleuca.

Lygniodes hypoleuca, Guén., Noct. iii, 125, 1500*.
———— Walker, Cat. Lep. Het. xiii, p. 1236, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
———— Butler, Ann. N. H. (5) xvi, p. 347, (1885).

I. M., Sylhet, Sibsagar (Peal), Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (Barnes; also purchased).
Collection Swinhoe, Sylhet, and the Nilgiri Hills.

2496. Lygniodes reducens.

Lygniodes reducens, Walker, Cat. Lep. Het. B. M. xiii, p. 1236, (1857)
Lygniodes disparans, Walker, *loc. cit.* xv, p. 1817, (1858).
Agonista reducens, Moore, Lep. Ceyl. iii, p. 140, pl. 163, figs. 3, 3*a*, (1885).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Family EREBIIDÆ.

Genus **Oxyodes.**

2497. Oxyodes scrobiculata.

Noctua scrobiculata, Fabr., Sp. Ins. ii, p. 212, No. 14, (1781).
———————— Mant. Ins. ii, p. 137, No. 18, (1787).
Phalæna (Noctua) scrobiculata, Gmel., Ed. Syst. Nat. i, 5, p. 2531, 980.*
Phalæna (Noctua) clytia, Cram., Pap. Exot. iv, pl. 399, fig. G, (1782).
Oxyodes clytia, Guén., Noct. iii, p. 128, 1501.*
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1239, (1858).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
Oxyodes scrobiculata, Moore, Lep. Ceyl. iii, p. 141, pl. 164, fig. 1, (1885).

Collection Swinhoe, Sylhet, Ceylon.

Genus **Sypna.**

2498. Sypna albilinea.

Sypna albilinea, Walker, Cat. Lep. Het. B. M., xiv, p. 1261, (1858).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
———————— Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
———————— Ill. Typ. Lep. Het. vi, p. 44, pl. 112, fig. 1, (1886).

Sylhet.

2499. Sypna albovittata.

Sypna albovittata, Moore, Descr. Ind. Lep. Atk. ii, p. 168, pl. 5, fig. 26, (1882).

Sikkim.
Allied to *S. tenebrosa*.

2500. Sypna apicalis.

Sypna apicalis, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.
———————— Ill. Typ. Lep. Het. vi, p. 42, pl. 111, fig. 6, (1886).
———————— Moore, Journ. As. Soc. Beng. vol. lv, pt. 2, p. 100, (1886).

I M., Tavoy (Moti Ram).
Also recorded from Sikkim.

2501. Sypna biocularis.

Tavia biocularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
Sypna biocularis, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.

Collection Swinhoe, Sikkim, Nilgiri Hills.
Closely allied to *S. caliginosa*.

2502. Sypna brunnea.

Sypna brunnea, Moore, Descr. Ind. Lep. Atk. ii, p. 167, (1882).
———— Waterhouse, Aid. II, pl. 159, fig. 3.*

Collection Swinhoe, Solun.
Also recorded from Sikkim.
Allied to *S. cyanivitta*.

2503. Sypna caliginosa.

Tavia caliginosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 940, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
Sypna caliginosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.

Sikkim.

2504. Sypna catocaloides.

Tavia catocaloides, Moore, Proc. Zool. Soc. Lond. 1867, p. 71, pl. 7, fig. .
Sypna catocaloides, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

2505. Sypna cœlisparsa.

Sypna cœlisparsa, Walker, Cat. Lep. Het. B. M., xiv, p. 1262, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
———— Butler, Trans. Ent. Soc. Lond. 1881, p. 204.
———— Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 4, (1886).

Assam.

2506. Sypna constellata.

Sypna constellata, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.
———— Waterhouse, Aid. II, pl. 159, fig. 1, (1885).*

Collection Swinhoe, Dharmsala.

2507. Sypna curvilinea.

Sypna curvilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 69, pl. 6, fig. 4.
———— Butler, Trans. Ent. Soc. Lond. 1881, p. 208.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

2508. Sypna cyanivitta.

Sypna cyanivitta, Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
———— Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
———— Proc. Zool. Lond. 1883, p. 164.
———— Waterhouse, Aid. ii, 159, fig. 4, (1885).*

Sikkim, Solun.

2509. Sypna dubitaria.

Tavia dubitaria, Walker, Cat. Lep. Het. B. M., xxxiii, p. 939, (1865).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
Sypna dubitaria, Butler, Trans. Ent. Soc. Lond. 1881, p. 203.

I. M., Kulu (Young), Sikkim.
Collection Swinhoe, Kasauli, Sikkim.

2510. Sypna floccosa.

Sypna floccosa, Moore, Descr. Ind. Lep. Atk. ii, p. 167, pl. 5, fig. 23, (1882).

Sikkim.
Allied to *S. replicata*.

2511. Sypna fraterna.

Sypna fraterna, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.

Sikkim.
Allied to *S. curvilinea*.

2512. Sypna kirbyi.

Sypna kirbyi, Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
—————— Waterhouse, Aid. ii, pl. 159, fig. 5, (1885).*

I. M., Sikkim (purchased), Kulu (Young).
Collection Swinhoe, Sikkim.

2513. Sypna lucilla.

Sypna lucilla, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.
———————— Ill. Typ. Lep. Het. vi, p. 43, pl. 111, fig. 8, (1886).

Sikkim.

2514. Sypna moorei.

Sypna moorei, Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
———————— Ill. Typ. Lep. Het. vi, p. 44, pl. 112, fig. 2, (1886).

I. M., Sikkim (Barnes; also purchased).
Collection Swinhoe, Assam.
Also recorded from Shillong.
Allied to *S. rectilinea*.

2515. Sypna mormoides.

Sypna mormoides Butler, Trans. Ent. Soc. Lond. 1881, p. 202.
———————— Ill. Typ. Lep. Het. vi, p. 40, pl. 111, fig. 2, (1886).

Sikkim.

2516. Sypna obscurata.

Sypna obscurata, Butler, Trans. Ent. Soc. Lond. 1881, p. 207.
————————Ill. Typ. Lep. Het. vi, p. 43, pl. 111, fig. 9, (1886).

Collection Swinhoe, Sikkim.
Also recorded from Shillong.

2517. Sypna omicronigera.

Sypna omicronigera, Guén., Noct. iii, p. 145, No. 1530, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1260, (1858).
——————— Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

Shillong, Sikkim, Central India.

2518. Sypna pannosa.

Sypna pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 168, pl. 5, fig. 12, (1882).

I. M., Kulu (Young).
Collection Swinhoe, Solun.
Also recorded from the Khasi Hills.

2519. Sypna plana.

Sypna plana, Moore, Descr. Ind. Lep. Atk. ii, p. 167, pl. 5, fig. 24, (1882).

I. M., Sibsagar (Peal).
Collection Swinhoe, Sikkim.
Also recorded from Cherrapunji.

2520. Sypna prunosa.

Sypna prunosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.
——————— Waterhouse, Aid. ii, pl. 159, fig. 6, (1885).*

Sikkim.
Allied to *S. moorei*.

2521. Sypna pulchra.

Sypna pulchra, Butler, Trans. Ent. Soc. Lond. 1881, p. 208.
——————— Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 5, (1886)

Sikkim.

2522. Sypna punctosa.

Tavia punctosa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 939, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
Sypna punctosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.
——————— Proc. Zool. Soc. Lond. 1883, p. 164.

Shillong, Solun.

2523. Sypna rectilinea.

Sypna rectilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 70.
——————— Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
Tavia albilinea, Walker, Cat. Lep. Het. B. M. xxxiii, p. 940, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

Collection Swinhoe, Dharmsala.
Also recorded from Sikkim.

2524. Sypna renisigna.

Sypna renisigna, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.
——————— Waterhouse, Aid. ii, pl. 160, fig. 4, (1885).*

Khasi Hills.

2525. Sypna replicata.

Elpia replicata, Felder & R. Reise, Novara Lep., pl. 117, fig. 25, (1864-75).
Sypna replicata, Moore, Descr. Ind. Lep. Atk. ii, p. 167, (1882).

Sikkim.

2526. Sypna rubrifascia.

Sypna rubrifascia, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

Sikkim.

2527. Sypna submarginata.

Toria submarginata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 941, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
Sypna submarginata, Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

I. M., Sikkim (Barnes).
Collection Swinhoe, Simla, Sikkim.

2528. Sypna tenebrosa.

Sypna tenebrosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 203.
——————— Ill. Typ. Lep. Het. vi, p. 42, pl. 111, fig. 7, (1886).

Sikkim.

2529. Sypna umbrosa.

Sypna umbrosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 204.
——————— Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 3, (1886).

Shillong.

Genus **Anisoneura.**

2530. Anisoneura hypocyana.

Anisoneura hypocyana, Guén., Noct. iii, 162, 1553.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1286, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

I. M., Sikkim (Barnes; also purchased), Shillong, Cachar, Khasi Hills (purchased).
Collection Swinhoe, Solun, Sikkim.
Also recorded from Sylhet.

2531. Anisoneura salebrosa.

Anisoneura salebrosa, Guén., Noct. iii, 161, 1552.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1285, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

Collection Swinhoe, Poona, Sylhet.

Family OMMATOPHORIDÆ.

Genus **Patula.**

2532. Patula bcopis.

Patula boopis, Guén., Noct. iii, 178, 1560.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1301, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

Sylhet.
Closely allied to *P. macrops*.

2533. Patula macrops.

Phalæna (attacus) macrops, Linn., Syst. Nat., 12th ed., iii, p. 225, (1768).*
———— Cram., Pap. Exot. ii, p. 114, pl. 171, figs. A, B, (1777).
Noctua bubo, Fabr., Sp. Ins. ii, p. 209, No. 3, (1781).
———— Mant. Ins. ii, p. 135, No. 3, (1787).
———— Ent. Syst. iii, 2, p. 9, No. 4, (1794).
Erebus macrops, Donov., Ins. China, p. 80, pl. 44, fig. 1, (1842).
———— Sulzer, Ins., p. 160, pl. 22, fig. 2.*
Argiva macrops, Hübn., Verz Bek. Schmett, p. 272, No. 2679, (1816).
Erebus bubo, Boisd., Faune Ent. Mad. Lep., 110, 1.*
Patula macrops, Guén., Noct. iii, p. 177, 1568.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1300, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
———— Journ. As. Soc. Bengal, vol. lv, pt. 2, p. 100, (1886).
———— Lep. Ceyl. iii, p. 145, pl. 164, fig. 5, (1885).
———— Swinhoe, Proc. Zool, Soc. Lond. 1885, p. 462.

I. M, Tavoy (Moti Ram), Shillong, Sylhet, Buxa (Moti Ram), Darbhangah (Maries), Sibsagar (Peal), Khasi Hills, Sikkim (Barnes).
Collection Swinhoe, Kasauli, Deesa, Nilgiri Hills, Sikkim, Mhow, Bombay, Sholapore, Karachi.
Also recorded from Ceylon, Madagascar, South Africa.

Genus **Argiva.**

2534. Argiva caprimulgus.

Noctua caprimulgus, Fabr., Sp. Ins. ii, 210, No. 6, (1781).
———— Mant. Ins. ii, 135, No. 6, (1787).
———— Ent. Syst. iii, 2, p. 10, No. 7, (1794).
Phalæna caprimulgus, Gmel., Ed. Syst. Nat. i, 5, 2529, 965.*
Argiva crepuscularis, Guén., Noct. iii, 180, 1571.*
Argiva caprimulgus, Walker, Cat. Lep. Het., xiv, p. 1302 (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
———— Proc. Zool. Lond. 1878, p. 848.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Sikkim (Barnes), Sibsagar (Peal), Buxa (Moti Ram).
Collection Swinhoe, Sikkim, Khandalla, Nilgiri Hills.
Also recorded from Upper Tenasserim and Sylhet.

2535. Argiva hieroglyphica.

Phalæna (Noctua) hieroglyphica, Drury. Ins. Exot. ii, p. 3, pl. ii, fig. 1, (1773).
Noctua hieroglyphica, Fabr., Ent. Syst. iii, 2, p. 11, No. 10, (1794).

ARGIVA HIEROGLYPHICA—*continued.*

Phalæna (*Noctua*) *mygdonia*, Cram., Pap. Exot. ii, pl. 174, fig. F (1777).
Phalæna (*Noctua*) *hermonia*, Cram., *loc. cit.*, pl. 174, fig. E, (1777).
Noctua ulula, Fabr., Sp. Ins. ii, p. 211, No. 9, (1781).
———— Mant. Ins. ii, p. 136, No. 9, (1787).
———— Ent. Syst. iii, 2, p. 11, No. 11, (1794).
Erebus hieroglyphicus, Westw., Ed. Drury ii, 3, pl. 2, fig. 1.*
———— Donovan, Ins. Ind., p. 85, pl. 54, fig. 3, (1838).
Erebus hermonia, Boisd., Faune Ent. Madag. Lep. iii, 4.*
Argiva hermonia, Hübn., Verz. Bek. Schmett, p. 272, No. 2678, (1816).
Argiva hieroglyphica, Hübn., *loc. cit.*, p. 272, No. 2677, (1816).
———— Guén., Noct. iii, p. 179, 1570.*
———— Walker, Cat. Lep. Het. B. M., xiv., p. 1302, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72 ; 1877, p. 608 ; and 1878, p. 848.
———— Lep. Ceyl. iii, p. 146, pl. 165, figs, 22*a*, (1885).
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Mergui (Anderson), Sylhet, Buxa (Moti Ram), Sikkim (Barnes), Calcutta (Baxter), Ceylon (Mackwood), Tavoy (Moti Ram), Sibsagar, Khasi Hills.
Collection Swinhoe, Pegu, Sikkim, Deesa, Bombay, Belgaum, Nilgiri Hills.
Also recorded from Andaman Islands and Madagascar.

2536. ARGIVA STRIGIPENNIS.

Argiva strigipennis, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.

Khasi Hills.
Allied to *A. hieroglyphica*.

Genus **Nyctipao.**

2537. NYCTIPAO ALBICINCTA.

Erebus albicinctus, Kollar, Hüg. Kasch. iv, p. 474, pl. 22, (1848).
Erebus rivularis, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 3, (1848).
Nyctipao rivularis, Guén., Noct. iii, 182, (1573).*
Nyctipao albicincta, Walker, Cat. Lep. Het. B. M., xiv p. 1304, (1858).

I. M., Sikkim, Khasi Hills (Chennel), Cherra, Shillong.
Collection Swinhoe, Solun, Nilgiri Hills.
Also recorded from Sylhet.

2538. NYCTIPAO CONTURBANS.

Nyctipao conturbans, Walker, Cat. Lep. Het. B. M., xiv, p. 1308, (1858).

India.

2539. NYCTIPAO CREPUSCULARIS.

Phalæna crepuscularis, Linn., Syst. Nat. x, p. 509.*
Phalæna (*Noctua*) *crepuscularis*, Linn., Mus. Lud. Ulr., p. 378, No. 13, (1764).
———— Drury, Exot. Ins. i, p. 39, pl. 20, figs. 1, 2, (1770).
———— Cram., Pap. Exot. ii, pl. 159, fig. A, (1777).

NYCTIPAO CREPUSCULARIS—*continued.*

Phalæna (Noctua) crepuscularis, Clerck, Icones, pl. 53, (1759).
Noctua crepuscularis, Fabr., Sp. Ins. ii, p. 211, No. 11, (1781).
———— Mant. Ins. ii, p. 136, No. 12, (1787).
———— Ent. Syst. iii, 2, p. 13, No. 17, (1794).
Nyctipao ephesperis, Hübn., Verz. Bek. Schmett, p. 272, No. 2675, (1816).
Erebus crepuscularis, Boisd., Faun. Ent. Madag. iii, 2.*
———— Duncan, Exot. Moths. p. 196, pl. 25, fig. 1.*
———— Koll. Hügel, Kaschmir, vol. iv, p. 475, (1848).
———— Westw., Ed. Drury i, 37, pl. 20, figs. 1, 2.*
———— Nat. Libr. xxxvii, Exot. Moths, p. 196, pl. 25, fig. 1.*
Nyctipao crepuscularis, Walker, Cat. Lep. Het. B. M., xiv, p. 1304, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72 ; 1877, p. 608 ; and 1878, p. 849.
———— Guén., Noct. iii, p. 182.*
———— Moore, Lep. Ceyl. iii, p. 148, pl. 165, figs. 1, 1*a*, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.
Nyctipao lætitia, Butler, Ill. Typ Lep. Het. iii, p. 26, pl. 47, fig. 9, (1879).
———— Ann. Mag. Nat. Hist. (5) v, p. 225, (1880).

I. M., Java (De Niceville), Belgaum (Swinhoe), Simla, Cherra, Sikkim (purchased), Tavoy (Moti Ram), Sylhet, Cachar (Wood-Mason), Kulu (Young), Mergui (Anderson), Sibsagar (Peal), Andaman Islands (purchased).
Collection Swinhoe, Belgaum, Sikkim, Kasauli, Simla, Nilgiri Hills.
Also recorded from Ceylon, Madagascar, Java, and Japan.

2540. NYCTIPAO EXTERIOR.

Nyctipao exterior, Walker, Cat. Lep. Het. B. M., xiv, p. 1306, (1858).
———— Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 3, (1886).
———— Journ. As. Soc. Bengal, vol. lv, pt. 2, p. 100, (1886).
Nyctipao obliterans, Walker, *loc. cit.*, p. 1307, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

I.M., Cachar (Wood-Mason), Sylhet, Buxa (Moti Ram), Sibsagar (Peal), Tavoy (Moti Ram), Sikkim (Barnes; also purchased).
Collection (Swinhoe), Sylhet, Nilgiri Hills.
Also recorded from Tenasserim.

2541. NYCTIPAO GEMMANS.

Nyctipao gemmans, Guén., Noct. iii, 182, 1572.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1304, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

Sylhet.

2542. NYCTIPAO GLAUCOPIS.

Nyctipao glaucopis, Walker, Cat. Lep. Het. B. M., xiv, p. 1306, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
———— Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 4, (1886).

I. M., Sikkim (Barnes), Mussoorie (Templeton), Cherra.
Collection Swinhoe, Solun.
Also recorded from Sylhet.

2543. Nyctipao prunosa.

Nyctipao prunosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.
North-Western Himalayas.
Allied to *N. glaucopis*.

2544. Nyctipao truncata.

Nyctipao truncata, Moore, Proc. Zool. Soc. Lond. 1877, p. 608.
Andaman Islands.

Genus **Ommatophora.**

2545. Ommatophora luminosa.

Phalæna luminosa, Cram., Pap. Exot. iii, pl. 274, fig. D., (1780).
Speiredonia luminosa, Hübn., Verz. Bek. Schmett, p. 272, No. 2686, (1816).
Ommatophora luminosa, Guén., Noct. iii, 190, 1586.*
——————— Walker, Cat. Lep. Het. B.M., xiv, p. 1313, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
I. M., Sylhet, Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Java and the Philippine Islands.

Genus **Entomogramma.**

2546. Entomogramma antica.

Remigia antica, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1016, (1865).
Collection Swinhoe, India.
Recorded from South India.

2547. Entomogramma decora.

Remigia decora, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1015, (1865).
Collection Swinhoe, Nilgiri Hills.

2548. Entomogramma fautrix.

Entomogramma fautrix, Guén., Noct. iii, (vii?) 204, ♂, 1604.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1331,(1858).
——————— Felder & R. Reise, Novara Lep., pl. 115, fig. 5, (1864-75).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73; 1877, p. 609; and 1878, p. 849.
I. M., Sibsagar, Sikkim (purchased), Andaman Islands (purchased), Buxa (Moti Ram).
Collection Swinhoe, Sikkim, Andaman Islands, Nilgiri Hills.
Also recorded from Ceylon, Upper Tenasserim, and Java.

2549. Entomogramma poststrigaria.

Entomogramma poststrigaria, Walker, Cat. Lep. Het. B. M., xxxiii, p. 949, (1865).
——————— Moore, Lep. Ceyl. iii, p. 153, (1885).
Ceylon.

2550. Entomogramma torsa.

Entomogramma torsa, Guén., Noct. iii, p. 204, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1331, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462; and 1886, p. 449.
Entomogramma squamicornis, Felder & R. Reise, Novara Lep. iv, pl. 115, fig. 3, (1864-75).
Taramina torsa, Moore, Lep. Ceyl. iii, p. 153, pl. 166, fig. 2, (1885).

Collection Swinhoe, Mhow, Bombay, Poona.
Also recorded from Ceylon and Java.

Genus **Homæa.**

2551. Homæa clathrum.

Homæa clathrum, Guén., Noct. iii, 207, 1607*.
———— Walker, Cat. Lep. Het B. M., xiv, p. 1334, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462; and 1886, p. 449.

Collection Swinhoe, Bombay, Mhow.
Also recorded from Nepal.

Genus **Speiredonia.**

2552. Speiredonia feducia.

Phalæna (*Noctua*) *feducia*, Stoll. Cram, Pap. Exot. Suppl., pl. 36, fig. 3, (1790).
Speiredonia feducia, Hübn., Verz. Bek. Schmett, p. 272, No. 2685, (1816).
———— Guén., Noct. iii, p. 171*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1292, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
———— Lep. Ceyl, iii, p. 143, pl. 164, fig. 2, (1885).

Sylhet, Ceylon.

2553. Speiredonia retrahens.

Speiredonia retrahens, Walker, Cat. Lep. Het. B. M., xiv, p. 1294, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72; and 1877, p. 608.
———— Lep. Ceyl. iii, p. 142, pl. 164, figs. 4 & 6, (1885).
Sericia parvipennis, Walker, *loc. cit.*, p. 1297, (1858).
Ommatophora albifascia, Walker, *loc. cit.*, xxxiii, p. 947, (1865).
Speiredonia conspicua, Felder & R. Reise, Novara Lep., pl. 113, fig. 7, (1864-75).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 608.
Speiredonia retrahens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Calcutta (De Niceville).
Collection Swinhoe, Poona, Ceylon.
Also recorded from the Andaman Islands, and Java.

2554. Speiredonia zamis.

Phalæna (*Noctua*) *zamis*, Stoll.-Cram., Pap. Exot. 162, pl. 36, fig. 11, (1790).
Speiredonia zamis, Guén., Noct. iii, p. 171, 1561*.
———— Walker, Cat. Lep. Het. xiv, p. 1293, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
———— Lep. Ceyl. iii, p. 143, pl. 164, fig. 3, (1885).

Tranquebar, Sylhet, Ceylon.

Genus **Sericia.**

2555. SERICIA ANOPS.

Sericia anops, Guén., Noct. iii, p. 173, 1564, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1296 (1858).
———— Moore, Lep. Ceyl. iii, p. 144, pl. 164. fig. 7, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Ceylon (Colombo Museum), Andaman Islands (purchased).
Collection Swinhoe, Khandalla, Belgaum.
Also recorded from Australia.

2556. SERICIA CALAMISTRATA.

Sericia calamistrata, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.

Andaman Islands.
Allied to *S. substruens*, Walk.

2557. SERICIA SUBSTRUENS.

Tavia substruens, Walker, Cat. Lep. Het. B. M., xiv, 3, p. 1276, (1858).
———— Moore, Proc. Zool. Soc , Lond. 1867, p. 70; and 1877, p. 608.

I. M., Cachar (Wood-Mason), Nicobar Islands (DeNiceville), Sind (Karachi Museum), Sikkim (purchased), Andaman Islands (purchased).
Collection Swinhoe, Sylhet.

FAMILY HYPOPYRIDÆ.

Genus **Spiramia.**

2558. SPIRAMIA COHÆRENS.

Spiramia cohærens, Walker, Cat. Lep. Het. B. M. xiv, p. 1321, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72; and 1877, p. 608.
———— Lep. Ceyl. iii, p. 149, pl. 165, figs. 3, 3*a*, (1885).

Collection Swinhoe, Solun, Sikkim, Nilgiri Hills, Ceylon.
Also recorded from the Andaman Islands.

2559. SPIRAMIA HELICINA.

Speiredonia helicina, Hübn., Zütr. Samml. Exot. Schmett iii, 14, 219, figs. 437-38, (1825)*.
Spiramia helicina, Guèn., Noct. iii, p. 197, 1594, (1852*).
———— Moore, Lep. Ceyl. iii, p. 150, pl. 165, figs. 4, 4*a*, (1885).
———— Proc. Zool. Soc. Lond. 1867, p. 72; and 1878, p. 849.
———— Walker, Cat. Lep. Het., xiv, p. 1320, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463; and 1886, p. 450.

I. M., Sibsagar, Buxa (Moti Ram), Ceylon (Colombo Museum), Shillong, Naga Hills, Kulu (Young), Simla, Cachar (Wood-Mason), Ranchi (Irvine), Mussoorie (Templeton).
Collection Swinhoe, Poona, Bombay, Belgaum, Satara, Mhow.

2560. Spiramia modesta.

Spirama modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 168, (1882).

Sylhet, Sikkim.
Allied to *S.* (*Hypopyra*) *mollis* of Java.

2561. Spiramia retorta.

Phalæna retorta, Linn., Mus. Lud. Ulr. ii.
——————— Clerck, Icon. ii, pl. 54, fig. 2, (1759).
——————— Cram., Pap. Exot. ii, pl. 116, fig. D, (1777); and iii, pl. 274, fig. A, (1780).
Noctua spiralis, Fabr., Sp. Ins. ii, p. 211, No. 10, (1781).
——————— Mant. Ins. ii, p. 136, No. 11, (1787).
Phalæna spiralis, Gmel., Ed. Syst. Nat. i, 5, 2530, 973*.
Speiredonia retorta, Hübn., Verz. Bek. Schmett, p. 272, No. 2682, (1816).
Erebus retorta, Koll., Hüg. Kasch. iv, p. 475, (1848).
Speiramia suffumosa, Guén., Noct. iii, p. 195, 1590*.
Spirama remota, Felder, Sitzb. Akad. Wiss. Wien, M. N. Cl. B, 43, p. 43, No. 104* (?).
var. (?) *Erebus chimista*, Koll., Hüg. Kaschmir, iv, p. 475, (1848).
Speiramia retorta, Guén., Noct. iii, p. 198, 1593*.
——————— Walker, Cat. Lep. Het., xiv, p. 1319, (1858).
Spirama retorta, Aurivillius, Kongl. Sv. Vet. Akad. Handl., vol. 19, (5), p. 153, (1882).
——————— Butler, Ann. Mag. N. H. (5), xvi, p. 347, (1885).

Collection Swinhoe, North India.
Also recorded from Hongkong.

2562. Spiramia triloba.

Spiramia triloba, Guén., Noct. iii, 197, 1595*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1321, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
Hypopyra mollis, Guén., *loc. cit.*, p. 198*.

Java, Ceylon, Sylhet.

Genus **Hypopyra.**

2563. Hypopyra distans.

Hypopyra distans, Moore, Descr. Ind. Lep. Atk. ii, p. 169, (1882).

Bombay.

2564. Hypopyra feniseca.

Hypopyra feniseca, Guén., Noct. iii, 200, 1599*.
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1327, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Collection Swinhoe, Solun.
Also recorded from Sylhet.

2565. Hypopyra ossigera.

Hypopyra ossigera, Guén., Noct. iii, 201, 1600*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1327, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Sibsagar, Sikkim (purchased), Buxa (Moti Ram).
Collection Swinhoe, Sikkim.

2566. Hypopyra pallida.

Hypopyra pallida, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.
——————— Lep. Ceyl. iii, p. 151, pl. 166, figs. 1, 1*a*, (1885).

I. M., Ceylon (Colombo Museum).
Allied to *H. vespertilio*.

2567. Hypopyra pandia.

Hypopyra pandia, Felder & R. Reise, Novara, pl. 115, fig. 12, (1864-75).
India.

2568. Hypopyra persimilis.

Hypopyra persimilis, Moore, Proc. Zool. Soc. Lond. 1877, p. 608.
Andaman Islands.
Allied to *H. ossigera*.

2569. Hypopyra pudens.

Hypopyra pudens, Walker, Cat. Lep. Het. B. M., xiv, p. 1329, (1858).
India.

2570. Hypopyra shiva.

Hypopyra shiva, Guén., Noct. iii, 199, 1597*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1326, (1858).
Collection Swinhoe, Sikkim.

2571. Hypopyra unistrigata.

Hypopyra unistrigata, Guén., Noct. iii, 201, 1601*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1327, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
Maxula idonea, Walker, *loc. cit.*, and xxxiii, p. 1096, (1865).
Angerona poeusaria, Walker, *loc. cit.*, xx, p. 243, (1860).
I. M., Sibsagar, Sylhet, Sikkim.
Collection Swinhoe, Sylhet.

2572. Hypopyra vespertilio.

Noctua vespertilio, Fabr., Mant. Ins. ii, p. 136, No. 16, (1787).
——————— Ent. Syst. iii, 2, p. 15, No. 23, (1794).
Phalæna vespertilio, Gmel., Ed. Syst. Nat. i, 5, 2531, 977*.
Hypopyra vespertilio, Guén., Noct. iii, 199, 1598*.
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1326, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.
I. M., Sikkim (purchased; also Barnes), Andaman Islands (purchased), Buxa (Moti Ram), Sibsagar (Peal), Kulu (Young).
Collection Swinhoe, Solun, Poona, Sikkim, Nilgiri Hills.
Also recorded from Tranquebar, Ceylon, and China.

Genus **Cyclodes.**

2573. CYCLODES OMMA.

Noctua omma, Van der v. Hœven, Descr. de Lep. Nouv. v, pl. 7, figs. *a*, *b**.
Erebus omma, Van der v. Hœven, Tijd. Voor. Nat. Gesch. vii, p. 281, pl. 7, figs. 7, *a*, *b*, (1840).*
Cyclodes omma, Guén., Noct. iii, p. 27, 1353, (1852)*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1085, (1858).
———— Moore, Lep. Ceyl. iii, p. 152, pl. 160, fig. 7, (1885).
Beregra replenens, Walker, *loc. cit.* xiv, p. 1315, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sibsagar.
Also recorded from Sylhet, Ceylon, and Java.

Genus **Ortospana.**

2574. ORTOSPANA CONNECTENS.

Ortospana connectens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 950, (1865).
———— Moore, Lep. Ceyl. iii, p. 154, (1885).

Ceylon.

FAMILY BENDIDÆ.

Genus **Hulodes.**

2575. HULODES CARANEA.

Phalæna (*Noctua*) *caranea*, Cram., Pap. Exot. iii, pl. 269, figs. E, F, (1780).
Bendis caranea, Hübn., Verz. Bek. Schmett., p. 269, No. 2650, (1816).
Hulodes caranea, Guén., Noct. iii, p. 208, 1608*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1335, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
———— Lep. Ceyl. iii, p. 155, pl. 166, figs. 3, 3*a*, and pl. 167, fig. 6, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Cachar (Wood-Mason), Shillong, Sibsagar (Peal), Sikkim (purchased), Kulu (Young), Buxa (Moti Ram).
Collection Swinhoe, Satara, Poona, Bombay, Nilgiri Hills, Ceylon.
Also recorded from Java.

2576. HULODES RESTORANS.

Hypopyra restorans, Walker, Cat. Lep. Het. B. M , xiv, p. 1328, (1858).
Hulodes (?) *drylla*, Guén., Noct. iii, p. 209, pl. 24, fig. 10*.
Hulodes restorens (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Ranchi (Irvine), Manbhum (Beavan), Calcutta, Perak (purchased).
Collection Swinhoe, Sylhet.

2577. Hulodes saturnioides.

Hulodes saturnioides, Guén., Noct. iii, 209, 1610*.
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1336, (1858).

India.

Genus **Hamodes**.

2578. Hamodes attacicola.

Ophisma attacicola, Walker, Cat. Lep. Het. B. M., xiv, p. 1383, (1858).
Hamodes attacicola, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

Collection Swinhoe, Jacobabad (Sind), Bombay.

2579. Hamodes aurantiaca.

Hamodes aurantiaca, Guén., Noct. iii, 203, 1603*.
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1330, (1858).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Sylhet, Karachi.

2580. Hamodes discistriga.

Hypernaria discistriga, Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
Hamodes discistriga, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Sibsagar (Peal), Sikkim (purchased), Ranchi (Irvine).
Collection Swinhoe, Bombay.
Also recorded from the Andaman Islands.

2581. Hamodes marginata.

Hamodes marginata, Moore, Descr. Ind. Lep. Atk. ii, p. 169, (1882).

Sikkim.

Family OPHIUSIDÆ.

Genus **Melipotis**.

2582. Melipotis costipannosa.

Melipotis costipannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 166, pl. 5, fig. 8, (1882).

Sikkim.

2583. Melipotis cyllaria.

Phalæna (*Noctua*) *cyllaria*, Cram., Pap. Exot. iii, pl. 251, figs. C, D, (1779).
Melipotis cyllaris,(sic),Hübn.,Verz. Bek. Schmett., p. 260, No. 2558,(1816).
Melipotis cyllaria, Moore, Lep. Ceyl. iii, p. 115, pl. 157, fig. 3, (1885).
Achæa cyllaria, Guén., Noct. iii, p. 249, 1670*.
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).
Ercheia cyllaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

I. M., Sikkim (purchased), Sibsagar (Peal), Andaman Islands (purchased).
Collection Swinhoe, Nilgiri Hills, Poona, Bombay.
Also recorded from Coromandel, Ceylon.

2584. Melipotis cyllota.

Achæa cyllota, Guén., Noct. iii, p. 248, 1669, (1852)*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).
Achæa signivitta, Walker, *loc. cit.* xiv, p. 1398, (1858).
Melipotis cyllota, Moore, Lep. Ceyl. iii, p. 115, pl. 157, fig. 2, (1885).
Ercheia cyllota, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Bombay.
Also recorded from Ceylon, Borneo.

2585. Melipotis diversipennis.

Ercheia diversipennis, Walker, Cat. Lep. Het. B. M., xiii, p. 1108, (1857).
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412.
Melipotis ambidens, Felder & R. Reise, Novara Lep. iv, pl. 116, fig. 9, (1864—75).
Melipotis diversipennis, Moore, Lep. Ceyl. iii, p. 116, pl. 157, fig. 1, (1885).

Ceylon, Mhow.

2586. Melipotis fusifera.

Achæa fusifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1398, (1858).
Melipotis fusifera, Moore, Lep. Ceyl. iii, p. 116, (1885).

Ceylon, Sumatra.

2587. Melipotis pannosa.

Erchera pannosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.
Melipotis pannosa, Moore, Lep. Ceyl. iii, p. 116, pl. 157, fig. 4, (1885).

Ceylon, South India.
Allied to *E. costipannosa*.

2588. Melipotis strigipennis.

Melipotis strigipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).

Sikkim.
Allied to *M.* (*Ercheia*) *umbrosa*, of Japan.

2589. Melipotis tenebrosa.

Ercheia tenebrosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 66; and 1877, p. 606.

Bengal, Andaman Islands.

2590 Melipotis uniformis.

Ercheia uniformis, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

South India.

2591. Melipotis zura.

Ercheia zura, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Bombay.

2592. MELIPOTIS ZYGIA.

Erebeia zygia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Poona.

Genus **Sphingomorpha.**

2593. SPHINGOMORPHA CHLOREA.

Phalæna (*Noctua*) *chlorea*, Cram., Pap. Exot. ii, pl. 104, fig. C, (1777).
Sphingomorpha chlorea, Guén., Noct. iii, p. 222, 1626, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1345, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 414, pl. 15, figs. 7, 7*a*.
———— Moore, Lep. Ceyl. iii, p. 157, pl. 167, fig. 4, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464, and 1886, p. 450.
Sphingomorpha sipyla, Guén., Noct. iii, p. 222, 1627, pl. 21, fig. 4, (1852)*.

I. M., False Point (Baxter), Sikkim (purchased).
Collection Swinhoe, Mhow, Assirgarh, Nilgiri Hills, Poona.
Also recorded from Sylhet, Ceylon, and Africa.

Genus **Iontha.**

2594. IONTHA UMBRINA.

Iontha umbrina, Doubleday, Entomologist, 298*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1850, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Sylhet.

Genus **Thyas.**

2595. THYAS CORONATA.

Noctua coronata, Fabr., Syst. Ent., p. 596, No. 24, (1775).
Noctua leonina, Fabr., *loc. cit.*, p. 596, No. 25, (1775).
Noctua ancilla, Fabr., Ent. Syst. iii, 2, p. 17, No. 29, (1794).
Corycia magica, Hübn., Zutr. Samml. Exot. Schmett iii, 32, 268, figs. 535 & 536, (1825)*.
Ophiusa magica, Boisd., Faun. Ent. Med. Lep. 100 & 101*.
Lagoptera magica, Guén., Noct. iii, p. 225, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1352, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520; and 1885, p. 464.
Thyas coronata, Moore, Lep. Ceyl. iii, p. 158, pl. 167, fig. 1; and pl. 166, fig. 5, (1885).
Lagoptera coronata, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.

I. M., Calcutta (De Niceville), Sikkim (purchased), Ranchi (Irvine), Perak (purchased), Manbhum (Beavan).
Collection Swinhoe, Sikkim, Karachi, Bombay, Belgaum, Poona, Elephanta Island.
Also recorded from Nepal, Sylhet, Ceylon, Andaman Islands.

2596. Thyas dotata.

Noctua dotata, Fabr., Ent. Syst. iii, 2, p. 55, No. 153, (1794).
Arcte polygrapha (?). Kollar, Hüg. Kasch. iv, p. 478, (1848).
Ophiusa dotata, Van der Hœven, Lep. Nov., pl. 4, figs. 3 *a*, *b**.
Lagoptera dotata. Guén., Noct. iii, 226, 1632*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1353, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Ranchi (Irvine), Calcutta (Wood-Mason), Kulu (Young), Perak (purchased), Sikkim (Barnes), Buxa (Moti Ram), Sibsagar, Shillong, Cherrapunji.
Collection Swinhoe, Sikkim, Poona, Khandalla, Bombay, Nilgiri Hills.
Also recorded from Mussooree.

2597. Thyas elegans.

Ophiusa elegans, Van der Hoeven, Lep. Nov., pl. 5, figs., 6 *a* & *b**.
Lagoptera multicolor, Guén., Noct. iii, 226, 1631*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1352, (1858).

I. M., Sikkim (purchased), Shillong.
Collection Swinhoe, Simla, Sikkim, Nilgiri Hills.

2598. Thyas honesta.

Thyas honesta, Hübn., Samml. Exot. Schmett, ii, Index, p. 4, figs. 1 & 2, 1820-26*.
———— Moore, Lep. Ceyl. iii, p. 158, pl. 167, fig. 2, (1885).
Noctua microrhœa (?), Fabr., Ent. Syst. iii, 2, p. 17, No. 30, (1794).
Lagoptera honesta, Guén., Noct. iii, p. 224, 1629, (1852)*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1351, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74; and 1877, p. 609.

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (Barnes; also purchased), Sibsagar (Peal).
Collection Swinhoe, Sikkim, Raipur (Central India).
Also recorded from Andaman Islands and Ceylon.

Genus **Ansa**.

2599. Ansa filipalpis.

Ansa filipalpis, Walker, Cat. Lep. Het. B. M., xv, p. 1731, (1858).
———— Moore, Lep. Ceyl. iii, p. 174, (1885).

Ceylon.

Genus **Minucia**.

2600. Minucia adusta.

Ophiodes adusta, Moore, Descr. Ind. Lep. Atk. ii, p. 169, pl. 6, fig. 11, (1882).

Cherrapunji.
Allied to *M. trapezium*.

2601. Minucia basisignum.

Ophiodes basisignum, Walker, Cat. Lep. Het. B. M., xiv, p. 1359, (1858).

India, Australia.

2602. Minucia cuprea.

Ophiodes cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

I. M., Buxa (Moti Ram), Sikkim (Barnes), Ranchi (Irvine).
Collection Swinhoe, Solun, Raipur (Central India).
Also recorded from Formosa.

2603. Minucia discriminans.

Ophiodes discriminans, Walker, Cat. Lep. Het. xiv, p. 1358, (1858).
Minucia discriminans, Moore, Lep. Ceyl. iii, p. 160, pl. 166, fig. 4, (1885).

Collection Swinhoe, Ceylon.

2604. Minucia fervida.

Ophiodes fervida, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.

I. M., a specimen with no history.
Collection Swinhoe, Solun.
Allied to *M. lunaris* of Europe.

2605. Minucia indistincta.

Ophiodes indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 169, pl. 6, fig. 12, (1882).

Khasi Hills.

2606. Minucia prunicolor.

Minucia prunicolor, Moore, Lep. Ceyl. iii, p. 160, pl. 167, fig. 3, (1885).

I. M., Sibsagar (Peal).
Also recorded from Ceylon.

2607. Minucia remigioides.

Ophiodes remigioides, Guén., Noct. iii, 230, 1637*.
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1359, (1858).

India.

2608. Minucia separans.

Ophiodes separans, Walker, Cat. Lep. Het. B. M. xiv, p. 1357, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 415.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885, p. 464.
Ophiodes tirrhæa, (*var* A), Guén., Noct. iii, 229*.

I. M., Kulu (Young), Cachar, Sikkim (purchased), Khasi Hills.
Collection Swinhoe, Kasauli, Karachi, Satara, Poona, Bombay, Mhow, Sholapore, Nilgiri Hills.

2609. Minucia trapezium.

Ophiodes trapezium, Guén., Noct. iii, p. 231, 1638, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1360, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
Ophisma cognata, Walker, *loc. cit.* xxxiii, p. 958, (1865).
Minucia trapezium, Moore, Lep. Ceyl. iii, p. 160, (1885).

Collection Swinhoe, Sibsagarh.
Also recorded from Sylhet, Ceylon.

2610. Minucia triphænoides.

Ophioides triphænoides, Walker, Cat. Lep. Het. B. M., xiv, p. 1358, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464; and 1886, p. 450.

I. M., Bombay (Swinhoe), Sikkim (purchased), Ranchi (Irvine).
Collection Swinhoe, Khandalla, Mhow.

2611. Minucia tumidilinea.

Ophiusa tumidilinea, Walker, Cat. Lep. Het. B. M., xiv, p. 1433, (1858).
Ophiodes tumidilinea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885, p. 464.

Collection Swinhoe, Bombay, Poona, North Canara, Karachi, Nilgiri Hills.

Genus **Ophisma**.

2612. Ophisma amabilis.

Ophisma amabilis, Walker, Char. Undescr. Lep. Het. 1869, p. 91.

Benares.

2613. Ophisma circumferens.

Ophisma circumferens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 956, (1865).
——————— Moore, Lep. Ceyl. iii, p. 161, (1885).

Ceylon.

2614. Ophisma contenta.

Ophisma contenta, Walker, Cat. Lep. Het. B. M., xiv, p. 1381, (1858).

India.

2615. Ophisma certior.

Ophisma certior, Walker, Cat. Lep. Het. B. M., xiv, p. 1381, (1858).

India.

2616. Ophisma gravata.

Ophisma gravata, Guén., Noct. iii, 237, 1648.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1379, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

Collection Swinhoe, Sylhet.
Also recorded from Australia.

2617. Ophisma maturata.

Ophisma maturata, Walker, Cat. Lep. Het. B. M. xiv, p. 1382, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

Collection Swinhoe, Bombay.
Also recorded from Penang.

2618. Ophisma maturescens.

Ophisma maturescens, Walker, Cat. Lep. Het. B. M., xiv, p. 1382, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

2619. Ophisma rigidistria.

Ophisma rigidistria, Guén., Noct. iii, 240, 1655.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1380, (1858).

India.

1620. Ophisma siamica.

Ophisma siamica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 957, (1865).

Siam.

Genus **Platyja**.

2621. Platyja umminia.

Phalæna (*Noctua*) *umminia*, Cram., Pap. Exot. iii, pl. 267, fig. F, (1780).
Ophisma umminia, Walker, Cat. Lep. Het. B. M., xiv, p. 1384, (1858).
Sympis subunita, Guén., Noct. iii, p. 344, (1852).*
———— Walker, *loc. cit.*, xv, p. 1549, (1858).
Cotuza drepanoides, Walker, *loc. cit.*, p. 1552, (1858).
Cotuza umminia, Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
Platyja umminea (sic), Hübn., Verz. Bek. Schmett, p. 268, No. 2625, (1816).
Platyja umminea, Moore, Lep. Ceyl. iii, p. 201, pl. 173, figs. 6, 6*a*, (1885).
Ophisma trajecta, Walker, Char. Undescr. Lep. Het., p. 108, (1869).
Hulodes falcata, Felder & R. Reise, Novara, Lep. iv, pl. 115, fig. 8, (1864-75).

Collection Swinhoe, North India.
Also recorded from Bengal, Ceylon, Java, China, Penang.

Genus **Pindara.**

2622. PINDARA ILLIBATA.

Noctua illibata, Fabr., Syst. Ent. p. 592, No. 8, (1775).
Hemeroblemma peropace, Hübn., Zutr. Samml. Exot. Schmett. iii, 33, 271, fig. 541-2, (1825).*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1242, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
Ophisma lætabilis, Guén., Noct. iii, p. 241, (1852).*
——————— Walker, *loc. cit.* xiv, p. 1380, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.
Pindara illibata, Moore, Lep. Ceyl. iii, p. 170, (1885).

Collection Swinhoe, Sikkim, Bombay, Poona, Matheran, Raipur (Central India).

Also recorded from Ceylon, Sylhet, China, and South America.

Genus **Achæa.**

2623. ACHÆA COMBINANS.

Achæa combinans, Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).
——————— Moore, Lep. Ceyl. iii, p. 165, pl. 169, fig. 3, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2624. ACHÆA MELICERTE.

Phalæna (*Noctua*) *melicerte*, Drury, Ins. 1, p. 46, pl. 23, fig. 1, (1770).
——————— Cram., Pap. Exot. iv, pl. 323, figs. C, D, (1780); and vol. i, pl. 62, figs. C, D., (1775).
Noctua tigrina, Fabr., Sp. Ins., p. 218, No. 52, (1781).
——————— Ent. Syst. iii, p. 402, No. 105, (1794).
Achæa melicerte, Hübn., Verz. Bek. Schmett, p. 269, No. 2643, (1816).
——————— Guén., Noct. iii, p. 247, 1666.*
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1396, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75; 1877, p. 609.
——————— Lep. Ceyl. iii, p. 163, pl. 168, figs. 2, 2*a*, 2*b*, (1885).
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 415.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 465 and 1886, p. 450.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Ranchi (Irvine), Kulu (Young), Calcutta, Andaman Islands (purchased), Western India (Swinhoe), Nicobar Islands (De Niceville), Manbhum (Beavan), North Khasi Hills, Sikkim (purchased).

Collection Swinhoe, Kasauli, Karachi, Mirzapore, Belgaum, Poona, Bombay, Mhow, Campbellpore, Hydrabad (Sind), Ceylon.

Also recorded from Celebes, Australia.

2625. ACHÆA MEZENTIA.

Phalæna (*Noctua*) *mezentia*, Cram., Pap. Exot. iv, pl. 323, fig. F. (1780).
Noctua mezenteria (sic), Fabr., Ent. Syst. iii, 2, p. 41, (1794).

ACHÆA MEZENTIA—*continued.*

Achæa mezentia, Hübn., Verz. Bek. Schmett, p. 269, No. 2645, (1816).
———— Guén., Noct. iii, p. 248, 1668.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).
———— Moore, Lep. Ceyl., iii, p. 165, pl. 169, fig. 1, (1885).
Sypna lugens, Walker, *loc. cit.* xxxiii, p. 938, (1865).
Collection Swinhoe, Ceylon.
Also recorded from Coromandel.

2626. ACHÆA NUBIFERA.

Achæa nubifera, Moore, Proc. Zool. Soc. Lond. 1877, p. 609, pl. 69, fig. 9.
I. M., Andaman Islands (purchased).

2627. ACHÆA REVERSA.

Achæa reversa, Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).
———— Moore, Lep. Ceyl. iii, p. 165, pl. 169, figs. 2, 2*a*, (1885).
I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.

2628. ACHÆA SERVA.

Noctua serva, Fabr., Syst. Ent., p. 593, No. 13, (1775).
Noctua vulpina, Fabr., Ent. Syst. iii, 2, p. 39, No. 102, (1794).
Noctua mercatoria, Fabr., *loc. cit.*, p. 62, No. 175, (1794).
Achæa mercatoria, Guén., Noct. iii, p. 246.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1396, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464, (1858).
Phalæna (*Noctua*) *melicerte*, Cram., Pap. Exot. iv, pl. 323, figs. D, E, (1780).
Achæa ino, Hübn., Verz. Bek. Schmett, p. 269, 2644, (1816).
Achæa serva, Moore, Lep. Ceyl. iii, p. 164, pl. 169, figs. 4, 4*a*, (1885).
Collection Swinhoe, Khandalla, Ceylon, Raipur (Central India).
Also recorded from Java.

Genus **Psimada.**

2629. PSIMADA QUADRIPENNIS.

Psimada quadripennis, Walker, Cat. Lep. Het., xv, p. 1828, (1858).
———— Moore, Lep. Ceyl. iii, p. 171, pl. 170, fig. 2, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.
Collection Swinhoe, Bombay, Camorta (Nicobars).
Also recorded from Canara and Ceylon.

Genus **Serrodes.**

2630. SERRODES CAMPANA.

Serrodes campana, Guén., Noct. iii, p. 252, 1673, pl. 22, fig. 6, ♂, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1402, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
————Lep. Ceyl. iii, p. 166, pl. 167, figs. 5, 5*a*, (1885).
I. M., Sikkim (Barnes; also purchased), Kulu (Young).
Collection Swinhoe, Sikkim, Raipur (Central India).
Also recorded from Sylhet and Ceylon.

2631. Serrodes inara.

Phalæna inara, Cram., Pap. Exot. iii, pl. 239, fig. E, (1779).
Bendis inara, Hübn., Verz. Bek. Schmett, p. 269, No. 2649, (1816).
Serrodes inara, Guén., Noct. iii, 253, 1675*.
————————Walker, Cat. Lep. Het. B. M., xiv, p. 1403, (1858), and xxxiii, p. 962, (1865).
————————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

Collection Swinhoe, Sikkim, Karachi, Poona, Bombay.

Genus **Naxia.**

2632. Naxia absentimacula.

Naxia absentimacula, Guén., Noct. iii, p. 255, 1676, (1852)*.
————————Walker, Cat. Lep. Het. B. M. xiv, p. 1404, (1858).
————————Moore, Lep. Ceyl. iii, p. 167, (1885).

I. M., Sibsagar (Peal), Andaman Islands (purchased).
Collection Swinhoe, Ceylon.

2633. Naxia calefaciens.

Naxia calefaciens, Walker, Cat. Lep. Het., xiv, p. 1405, (1858).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
————————Lep. Ceyl. iii, p. 168, pl. 168, fig. 3, (1885).

Collection Swinhoe, Ceylon,
Also recorded from Sylhet.

2634. Naxia circumsignata.

Naxia circumsignata, Guén., Noct. iii, 255, 1678*.
————————Walker, Cat. Lep. Het. B. M., xiv, p. 1405, (1858).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Sylhet.

2635. Naxia duplexa.

Naxia duplexa, Moore, Proc. Zool. Soc. Lond. 1883, p. 26, pl. 6, fig. 4.

Sikkim.
Allied to *N. calefaciens*.

Genus **Delgamma.**

2636. Delgamma calorifica.

Naxia calorifica, Walker, Cat. Lep. Het. B. M. xiv, p. 1406, (1858).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
Delgamma calorifica, Moore, Lep. Ceyl. iii, p. 168, pl. 168, figs. 4, 4*a*, (1885).

I. M., Andaman Islands (purchased).
Collection Swinhoe, India.
Also recorded from Sylhet and Ceylon.

Genus **Caranilla.**

2637. CARANILLA ONELIA.

Naxia onelia, Guén., Noct. iii, p. 258, 1679, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1405, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
Ophiusa obumbrata, Walker, *loc. cit.*, xxxiii, p. 969, (1865).
Ophiusa umbrosa, Walker, *loc. cit.*, p. 968, (1865).
Caranilla onelia, Moore, Lep. Ceyl. iii, p. 169, pl. 170, figs. 1, 1*b*, (1885).

I. M., Sibsagar (Peal), Sikkim (purchased), Buxa (Moti Ram). Collection Swinhoe, Sylhet, Ceylon, Matheran, and Lanaoli. Also recorded from Ceylon and Java and China.

Genus **Pasipeda.**

2638. PASIPEDA HÆMORRHODA.

Calesia hæmorrhoda, Guén., Noct. iii, 258, 1683*.
———— ———— Walker, Cat. Lep. Het. B. M. xiv, p. 1409, (1858).
Calesia patna, Felder & R. Reise, Novara. Lep. iv, pl. 117, fig. 17, (1864-75).
Pasipeda hæmorrhoa (sic), Moore, Lep. Ceyl. iii, p. 183, (1885).
Calesia hæmorrhoa (sic), Moore, Journ. As. Soc. Beng., vol. iv, pt. 2, p. 101, (1886).

I. M., Kulu (Young), Sikkim (purchased), Buxa (Moti Ram). Cachar (Wood-Mason), Tavoy (Moti Ram). Collection Swinhoe, Solun, Bombay. Also recorded from Ceylon.

2639. PASIPEDA RUFIPALPIS.

Pasipeda rufipalpis, Walker, Cat. Lep. Het. B. M, xv, p. 1795, (1858).
———— Moore, Lep. Ceyl. iii, p. 183, (1885).

Ceylon.

2640. PASIPEDA SATELLITIA.

Pasipeda satellitia, Moore, Lep. Ceyl. iii, p. 184, pl. 171, figs. 6, 6*a*, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

I. M., Bombay (Swinhoe), Bangalore, Ceylon (Swinhoe). Collection Swinhoe, Khandalla, Belgaum, Poona, Bombay, Ceylon.

Genus **Macaldenia.**

2641. MACALDENIA PALUMBA.

Hulodes palumba, Guén., Noct. iii, p. 211, 1613, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1337, (1858), and xxxiii, p. 952, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
Remigia colligens, Walker, *loc. cit.* xxxiii, p. 1019, (1865).
Pasipeda palumba, Moore, Descr. Ind. Lep. Atk. ii, p. 171, (1882).
Macaldenia palumba, Moore, Lep. Ceyl. iii, p. 162, pl. 168, figs. 1, 1*a*, 1*b*, (1885).

Collection Swinhoe, India and Ceylon.
Also recorded from Sylhet, Cherrapunji, South India, Ceylon, Singapore, Java.

Genus **Calesia.**

2642. CALESIA DASYPTERA.

Erebus dasypterus, Kollar, Hüg. Kasch. iv, p. 476, 5, (1848).
Erebus leucostigma, Kollar, *loc. cit.*, 6.
Calesia comosa, Guén., Noct. iii, p. 258, pl. 21, fig. 7, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1408, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.
Calesia stigmoleuca, Guén., *loc. cit.*, p. 258, 1685, (1852)*.
———— Walker, *loc. cit.*, p. 1409, (1858).
Calesia dasyptera, Moore, Lep. Ceyl. iii, p. 182, (1885).
Calesia leucostigma, Moore, Lep. Ceyl. iii, p. 182, pl. 171, fig. 5, (1885).

I. M., Tavoy and Buxa (Moti Ram).
Collection Swinhoe, Sikkim, Ceylon.

2643. CALESIA FLABELLIFERA.

Calesia flabellifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Upper Tenasserim.

2644. CALESIA GASTROPACHOIDES.

Calesia gastropachoides, Guén., Noct. iii, p. 258*.
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75; and 1878, p. 849.

Bengal, Upper Tenasserim.

Genus **Hypætra.**

2645. HYPÆTRA LILACII.

Hypætra lilacii, Guén., Noct. iii, 260, 1688*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1411, (1858).

India.

2646. HYPÆTRA NOCTUOIDES.

Hypætra noctuoides, Guén., Noct. iii, 259, 1686*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1410, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Collection Swinhoe, Moulmein.
Also recorded from Sylhet and Java.

2647. HYPÆTRA PERFICIENS.

Hypætra perficiens, Walker, Cat. Lep. Het. B. M., xiv, p. 1412, (1858).

India.

2648. HYPÆTRA STIGMATA.

Hypætra stigmata, Moore, Proc. Zool. Soc. Lond. 1877, p. 610.

Andaman Islands.

Genus **Anereuthina.**

2649. ANEREUTHINA CONDITA.

Hypætra condita, Walker, Cat. Lep. Het. B. M. xiv, p. 1413, (1858).
Anereuthina condita, Moore, Lep. Ceyl. iii, p. 173, pl. 170, fig. 5, (1885).

Collection Swinhoe, Shillong, Ceylon.

2650. ANEREUTHINA CURVIFERA.

Hypætra curvifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1412, (1858).
Anereuthina curvifera, Moore, Lep. Ceyl. iii, p. 174, pl. 170, fig. 4, (1885).

Ceylon.

2651. ANEREUTHINA DIVISA.

Hypætra divisa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 963, (1865).
Anereuthina divisa, Moore, Lep. Ceyl. iii, p. 172, (1885).

Ceylon.

2652. ANEREUTHINA EXPECTANS.

Achæa expectans, Walker, Cat. Lep. Het. B. M., xv, p. 1827, (1858).
Anereuthina expectans, Moore, Lep. Ceyl. iii, p. 172, (1885).

Ceylon.

2653. ANEREUTHINA FRONTALIS.

Ophiusa frontalis, Walker, Cat. Lep. Het. B. M., xiv, p. 1434, (1858).
Anereuthina frontalis, Moore, Lep. Ceyl. iii, p. 173, pl. 179, fig. 3, (1885).

India, Ceylon.

2654. ANEREUTHINA INCLUDENS.

Avatha includens, Walker, Cat. Lep. Het. B. M., xiii, p. 1107, (1857).
Hypætra complacens, Walker, *loc. cit.* xiv, p. 1414, (1858).
Anereuthina includens, Moore, Lep. Ceyl. iii, p. 172, pl. 170, fig. 6, (1885).

Ceylon, India.

2655. ANEREUTHINA TRIGONIFERA.

Hypætra trigonifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1411, (1858).
Anereuthina trigonifera, Moore, Lep. Ceyl. iii, p. 173, pl. 70, fig. 7, (1885).

Ceylon.

Genus **Dordura.**

2656. DORDURA ALIENA.

Hypatra aliena, Walker, Cat. Lep. Het. B. M., xxxiii, p. 964, (1865).
Dordura aliena, Moore, Descr. Ind. Lep. Atk. ii, p. 170, (1882).

Calcutta, North India.

2657. DORDURA APICALIS

Dordura apicalis, Moore, Descr. Ind. Lep. Atk. ii, p. 170, pl. 5, fig. 20, (1882).

Calcutta.

Genus **Ophiusa.**

2658. Ophiusa achatina.

Phalæna achatina, Sulz., Ins. pl. 22, fig. 4 (*nec* Cramer)*.
Ophiusa achatina, Moore, Proc. Zool. Soc. Lond. 1867, p. 76 (*nec* Guén. *nec* Walker).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

Dugshai, Satara.

2659. Ophiusa albivitta.

Ophiusa albivitta, Guén., Noct. iii, p. 271, No. 1707, (1852)*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1430, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466; and 1884, p. 521.
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.
Dysgonia albivitta, Moore, Lep. Ceyl. iii, p. 178, pl. 171, fig. 4, (1885).

I. M., Calcutta, Kulu (Young), Buxa (Moti Ram), Ceylon (Mackwood; also Colombo Museum), Bombay (Swinhoe), Nicobar Islands (De Niceville).
Collection Swinhoe, Bombay, Campbellpore, Umballa, Karachi, Mahableshwar, Mhow, Neemuch.

2660. Ophiusa amygdalis.

Dysgonia amygdalis, Moore, Lep. Ceyl. iii, p. 551, pl. 214, fig. 3.
Ceylon.

2661. Ophiusa analis.

Ophiusa analis, Guén., Noct. iii, 271, 1708*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1430, (1858).

Collection Swinhoe, Sikkim.
Also recorded from Hongkong and Java.

2662. Ophiusa arctotænia.

Ophiusa arctotænia, Guén., Noct. iii, 272, 1711*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1431, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 450.

Collection Swinhoe, Karachi, Mhow.
Also recorded from Sylhet.

2663. Ophiusa arcuata.

Ophiusa arcuata, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.
Ophiusa joviana, Guén., Noct. iii, p. 269.*
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1429, (1858).
Dysgonia arcuata, Moore, Lep. Ceyl. iii, p. 176, pl. 171, fig. 3, (1885).
Ophiusa arcuata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

I. M., Andaman Islands (purchased), Buxa (Moti Ram), Ranchi (Irvine).
Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Ceylon and Java.

2664. Ophiusa acuta.

Ophiusa acuta, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 5.

Khasi Hills.

Allied to *O. falcata*.

2665. Ophiusa conficiens.

Ophiusa conficiens, Walker, Cat. Lep. Het. B. M. xiv, p. 1432, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.
——————— Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 5, (1886).

Collection Swinhoe, Solun, Bombay.

2666. Ophiusa crameri.

Dysgonia crameri, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 2, (1885).
Ophiusa crameri, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.
Phalæna (Noctua) achatina, Cram. (nec Sulzer), Pap. Exot. iii, pl. 288, fig. A, (1780).
Ophiusa achatina, Guén., Noct. iii, p. 272, 1852.*
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1430, (1858).

I. M., Tavoy (Moti Ram), Sikkim (Barnes; also purchased), Buxa (Moti Ram), Kulu (Young), Sibsagar, Bombay, Simla, Ceylon (Colombo Museum), Andaman Islands (De Roepstorff).

Collection Swinhoe, Dugshai, Satara, Poona, Bombay, Khandalla, Sikkim.

2667. Ophiusa discalis.

Dysgonia discalis, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 8, (1885).

Ceylon.

2668. Ophiusa falcata.

Ophiusa falcata, Moore, Descr. Ind. Lep. Atk. ii, p. 171, pl. 6, fig. 14, (1882).

Khasi Hills.

2669. Ophiusa fulvotænia.

Ophiusa fulvotænia, Guén., Noct. iii, p. 272, 1710, (1852).*
——————— Walker, Cat. Lep. Het. B. M. xiv, p. 1431, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Dysgonia fulvotænia, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 1, (1885).

I. M., Sibsagar (Peal), Perak (purchased).

Collection Swinhoe, Sylhet.

Also recorded from Ceylon, Sumatra, Java.

2670. Ophiusa joviana.

Phalæna (Noctua) Joviana, Cram., Pap. Exot. iv, pl. 399, fig. B, (1782).
Noctua joviana, Fabr., Ent. Syst. iii, 2, p. 42, No. 111, (1794).
Noctua sinuata, Fabr., Mant. Ins. ii, p. 145, No. 83, (1787).

OPHIUSA JOVIANA—*continued.*

Dysgonia jovis, Hübn., Verz. Bek. Schmett, p. 269, No. 2640, (1816).
Ophiusa myops, Guén., Noct. iii, p. 265, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1428, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Ophiusa joviana, Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.
Dysgonia joviana, Moore, Lep. Ceyl. iii, p. 175, pl. 170, figs. 9, 9*a*, (1885).

I. M., Sikkim (purchased), Ceylon (Colombo Museum), Bombay (Swinhoe), Andaman Islands (purchased).
Collection Swinhoe, Bombay, Poona, Solun, Mhow, Nilgiri Hills.
Also recorded from Java.

2671. OPHIUSA LUTEIPALPIS.

Ophiusa luteipalpis, Walker, Cat. Lep. Het. B. M. xxxiii, 968, (1865).
Dysgonia luteipalpis, Moore, Lep. Ceyl. iii, p. 178, (1885).

Ceylon.

2672. OPHIUSA OLYMPIA.

Ophiusa olympia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

Collection Swinhoe, Poona, Bombay, Bhuj.

2673. OPHIUSA PROPERATA.

Ophiusa properata, Walker, Cat. Lep. Het. B. M., xiv, p. 1433, (1858).
———— Butler, Ill. Typ. Lep. Het. vi, p. 46, pl. 112, fig. 6, (1886).

Sikkim.

2674. OPHIUSA SIMILLIMA.

Ophiusa simillima, Guén., Noct. iii, 266, 1695.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1428, (1358).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Dysgonia simillima, Moore, Lep. Ceyl. iii, p. 178, pl. 170, fig. 8, (1885).

Collection Swinhoe, Sylhet.
Also recorded from Ceylon.

2675. OPHIUSA STUPOSA.

Noctua stuposa, Fabr., Ent. Syst. iii, 2, p. 42, No. 112, (1794).
Phalæna (Noctua) achatina, Cram. (*nec* Sulzer), Pap. Exot. iii, pl. 273, fig. E, (1780).
Ophiusa stuposa, Guén., Noct. iii, p. 271, 1706.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1429, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.
Ophiusa festinata, Walker, *loc. cit.*, p. 1432, 1858).
Dysgonia stuposa, Moore, Lep. Ceyl. iii, p. 176, pl. 171, fig. 7, (1885).

I. M., Sind (Swinhoe).
Collection Swinhoe, Sylhet, Bombay, Karachi, Hydrabad, Raipur (Central India).
Also recorded from Ceylon and China.

Genus **Grammodes**.

2676. GRAMMODES AMMONIA.

Phalæna (*Noctua*) *ammonia*, Cram., Pap. Exot. iii, pl. 250, fig. D, (1779).
Grammodes ammonia, Guén., Noct. iii, p. 278, 1720.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1443, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
——————— Lep. Ceyl. iii, p. 179, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521, and 1885, p. 467.

I. M., Sikkim (purchased), Kulu (Young), Calcutta, Ranchi (Irvine).
Collection Swinhoe, Umballa, Bombay, Karachi, Nilgiri Hills, Sikkim, Raipur, (Central India).
Also recorded from Sylhet, Nepal, Ceylon, South Africa.

2677. GRAMMODES EXCAVATA.

Grammodes excavata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 973, (1865), South India.

2678. GRAMMODES MYGDON.

Phalæna (*Noctua*) *mygdon*, Cram., Pap. Exot. ii, pl. 156, fig. G, (1777).
Chalciope mygdonias, Hübn., Verz. Bek. Schmett, p. 268, No. 2636, (1816).
Grammodes mygdon, Guén., Noct. iii, p. 278, 1721. *
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1444, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.
Chalciope mygdon, Moore, Lep. Ceyl. iii, p. 180, (1885).
——————— Journ. As. Soc. Beng., vol. lv, pt. 2, p. 101, (1886).

I. M., False Point (Baxter), Calcutta, Sibsagar, Sikkim, Tavoy (Moti Ram), Bombay (Swinhoe), Andaman Islands (purchased), Nicobar Islands (De Niceville).
Collection Swinhoe, Nilgiri Hills, Bombay, Khandalla, Ceylon.
Also recorded from Java and Borneo.

2679. GRAMMODES STOLIDA.

Noctua stolida, Fabr., Sp. Ins. ii, p. 218, No. 54, (1781).
——————— Mant. Ins. ii, p. 145, No. 81, (1787).
——————— Ent. Syst. iii, 2, p. 41, No. 109, (1794).
——————— God., Lep. Fr. v, 117, pl. 53, fig. 5.*
Phalæna stolida, Gmel., Ed. Syst. Nat. i, 5, 2552, 1094.*
Noctua cingularis, Hübn., Noct., pl. 76, fig. 352, and pl. 109, fig. 512.*
Ophiusa stolida, Treit., Schmett v, 312, 13.*
——————— Meig., Syst. Besch. iii, 208, 10, pl. 113, fig. 9.*
Grammodes stolida, Guén., Noct. iii, p. 276, 1717.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1441, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
——————— Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 467.
——————— Trans. Ent. Soc. Lond. 1885, p. 352.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Karachi (Swinhoe; also Murray), Kulu (Young).
Collection (Swinhoe), Umballa, Karachi, Bolan, Bombay, Campbellpore.
Also recorded from Europe and South Africa.

Genus **Fodina.**

2680. FODINA NOTATA.

Noctua notata, Fabr., Ent. Syst. iii, 2, p. 39, No. 103, (1794).
Grammodes notata, Walker, Cat. Lep. Het. B. M., xiv, p. 1445, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Grammodes mundicolor, Walker, *loc cit.* xxxiii, p. 973, (1865).
Fodina mundicolor, Moore, Lep. Ceyl. iii, p. 181, (1885).

Collection Swinhoe, Umballa, Nilgiri Hills.
Also recorded from Ceylon and Nepal.

2681. FODINA ORIOLUS.

Fodina oriolus, Guén., Noct. iii, 174, 1713.*
————Walker, Cat. Lep. Het. B. M., xiv, p. 1438, (1858).
————Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

I. M., Buxa (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Sylhet.

2682. FODINA PALLULA.

Fodina pallula, Guén., Noct. iii, p. 275, 1714, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1439, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
———— Lep. Ceyl. iii, p. 181, (1885).

I. M., Goalpara.
Also recorded from Sylhet, Ceylon.

2683. FODINA STOLA.

Fodina stola, Guén., Noct. iii, p. 275, 1715, (1852).*
————Walker, Cat. Lep. Het. B. M. xiv, p. 1439, (1858).
————Moore, Proc. Zool. Soc. Lond. 1878, p. 849.
———— Lep. Ceyl. iii, p. 181, (1885).

I. M., Sikkim (purchased).
Collection Swinhoe, Buxar.
Also recorded from Upper Tenasserin and Ceylon.

Genus **Artena.**

2684. ARTENA SUBMIRA.

Artena submira, Walker, Cat. Lep. Het. B. M., xiv, p. 1389, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Collection Swinhoe, Sylhet.
Also recorded from Upper Tenasserim.

FAMILY EUCLIDIDÆ.

Genus **Trigonodes.**

2685. TRIGONODES CEPHISE.

Phalæna cephise, Cram., Pap. Exot. iii, pl. 227, fig. C, (1779).
Chalciope cephise, Hübn., Verz. Bek. Schmett 268, 2633.
Trigonodes cephise, Guén., Noct. iii, 282, 1724.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1450, (1858).

North India.

2686. Trigonodes disjuncta.

Chalciope disjuncta, Moore, Descr. Ind. Lep. Atk. ii, p. 171, (1882).
Trigonodes disjuncta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Parisnath.
Allied to *C. cephise*.

2687. Trigonodes hyppasia.

Phalæna (Noctua) hyppasia, Cramer, Pap. Exot. iii, pl. 250, fig. C, (1779).
var. *Phalæna deliana*, Stoll.-Cram., *loc. cit.*, p. 160, pl. 36, fig. 4, (1790).
Chalciope hypasia, Hübn., Verz. Bek. Schmett., p. 268, No. 2634, (1816).
Trigonodes compar, Walker, Cat. Lep. Het. B. M. xiv, p. 1451, (1857).
Trigonodes hyppasia, Guén., Noct. iii, p. 283, 1726, (1852).*
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1450, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 620; and 1886, p. 382.
———— Moore, Lep. Ceyl. iii, p. 186, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 467, and 1886, p. 451.

I. M., Cachar (Wood-Mason), Calcutta, Karachi (Murray; also Swinhoe), Sikkim (purchased), Delhi, Kulu (Young).
Collection Swinhoe, Aden, Sikkim, Karachi, Mhow, Bombay, Satara, Poona, Matheran.
Also recorded from Nepal, Ceylon, and China.

2688. Trigonodes maxima.

Trigonodes maxima, Guén., Noct. iii, 282, 1723.*
———— Walker, Cat. Lep. Het. B. M.,, xiv, p. 1451, (1858).

Collection Swinhoe, North India.

Genus **Euclidia.**

2689. Euclidia tarsalis.

Euclidia (?) *tarsalis*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 986, (1865).
———— Moore, Lep. Ceyl. iii, p. 187, (1885).

Ceylon.

Genus **Acantholipes.**

2690. Acantholipes acervalis.

Acantholipes acervalis, Swinhoe, Proc. Zool. Soc. Lond 1886, p. 451.

Collection Swinhoe, Mhow.

2691. Acantholipes affinis.

Docela affinis, Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
Acantholipes affinis, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p 467; and 1886, p. 451.

I. M., Poona, and Karachi (Swinhoe).
Collection Swinhoe, Karachi, Mhow, Assirgarh, Poona, Bombay.
Closely allied to *A.* (*Docela*) *velustalis*, Walker, from the Congo.

2692. Acantholipes flavisigna.

Acantholipes flavisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Bombay.
Allied to *A. vetustalis*.

2693. Acantholipes hypenöides.

Acantholipes hypenöides, Moore, Proc. Zool. Soc. Lond. 1881, p. 372.
——————————— Descr. Ind. Lep. Atk. ii, p. 140, (1882).
Sikkim.

2694. Acantholipes nigrisigna.

Acantholipes nigrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 372.
Bombay.

2695. Acantholipes pulchra.

Acantholipes pulchra, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451.
Collection Swinhoe, Mhow.
Allied to *A. purpurina* of Europe.

2696. Acantholipes trifasciata.

Acantholipes trifasciata, Moore, Lep. Ceyl. iii, p. 187, pl. 172, fig. 2, (1885).
Collection Swinhoe, Mahableshwar, Poona, Bombay.
Also recorded from Ceylon.

Family REMIGIDÆ.

Genus **Cauninda**.

2697. Cauninda archesia.

Pholæna (*Noctua*) *archesia*, Cram., Pap. Exot. iii, pl. 273, figs. F, G, (1780).
var. *Phalæna* (*Noctua*) *virbia*, Cram., *loc. cit.*, pl. 273, fig. H, (1780).
Drasteria archesia, Hübn., Verz. Bek. Schmett, p. 280, No. 2750, (1816).
Mocis virbia, Hübn., *loc. cit.*, p. 267, No. 2616, (1816).
Remigia archesia, Guén., Noct. iii, 318, 1779.*
——————— Walker, Cat. Lep. Het. B. M., xiv, p. 1504, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77; and 1877, p. 611.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885, p. 468.
Remigia bifasciata, Walker, *loc. cit.*, xxxiii, p. 1014, (1865).
Cauninda archesia, Moore, Lep. Ceyl. iii, p. 191, pl. 172, figs. 3, 3*a*, (1885).

I. M., Cachar (Wood-Mason) Sikkim (purchased), Mergui (Anderson), Ceylon (Colombo Museum), Buxa (Moti Ram), Calcutta, Sylhet, Ratnagiri (Hatch), Andaman Islands (purchased), Shillong, Cherrapurji, Tavoy (Moti Ram), Ranchi (Irvine).

Collection Swinhoe, Kasauli, Simla, Bombay, Mhow, Belgaum, Poona, Karachi, Sikkim.

Also recorded from South Africa, Java, and China.

2698. Remigia arefacta.

Remigia arefacta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521, pl. 48, fig. 2.

Collection Swinhoe, Karachi, Jurruk (Sind).

2699. Remigia (?) caliginosa.

Remigia (?) *caliginosa*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1017, (1865).

North India.

2700. Remigia congregata.

Remigia congregata, Walker, Cat. Lep. Het. B. M., xv, p. 1847, (1858).

Africa, Ceylon, India.

2701. Remigia discios.

Ophiodes discios, Koll., Hug. Kasch. iv, p. 477, (1848).
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1360, (1858).

Collection Swinhoe, Solun, Mandi.

2702. Remigia frugalis.

[*Noctua frugalis*, Fabr., Ent. Syst. iii, 2, p. 138, (1794).] ?
Chalciope lycopodia, Geyer-Hübn., Zutr. Exot. Schmett 25, 449, figs. 897, 898, (1837).*
Remigia frugalis, Guén., Noct. iii, p. 314, 1773, (1852).*
———————— Walker, Cat. Lep. Het. B. M., xiv, p. 1507, (1858).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
———————— Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 476.
———————— Moore, Lep. Ceyl. iii, p. 190, pl. 172, figs. 4, 4*a*, (1885).
———————— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 521.
Remigia translata, Walker, *loc. cit.*, xxxiii, p. 1015, (1865).

I. M., Karachi (Murray), Cachar (Wood-Mason), Sikkim, Megui (Anderson), Kulu (Young), Sibsagar, Ranchi (Irvine), Andaman Islands (De Roepstorff).

Collection Swinhoe, Solun, Nilgiri Hills, Karachi, Mirzapore, Ceylon.

Also recorded from Africa, Java, and Borneo.

2703. Remigia gregalis.

Remigia gregalis, Guén., Noct. iii, p. 320.*
———————— Moore, Proc. Zool. Soc. Lond. 1877, p. 611.

South Andaman Islands.

2704. Remigia pavona.

Drasteria pavona, Felder & R. Reise, Novara Lep., pl. 117, fig. 9, (1864-75).

I. M., Shillong, North Khasi Hills.

Collection Swinhoe, Khasi Hills.

Also recorded from Sikkim.

Allied to *O. discios*.

2705. Remigia quæsita.

Remigia quæsita, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468, pl. 27, fig. 8.

I. M. (?), Buxa (Moti Ram).
Collection Swinhoe, Bombay.

Genus **Felinia.**

2706. Felinia spissa.

Felinia spissa, Guén., Noct. iii, p. 322.*
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1514, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

Group PSEUDO-DELTOIDES.

Family FOCILLIDÆ.

Genus **Hingula.**

2707. Hingula albolunata.

Hingula albolunata, Moore, Descr. Ind. Lep. Atk. ii, p. 181, (1882).
Nilgiri Hills, Cherrapunji.

2708. Hingula cervina.

Hingula cervina, Moore, Descr. Ind. Lep. Atk. ii, p. 181, (1882).
Manpuri, Calcutta.

2709. Hingula figurata.

Hingula figurata, Moore, Lep. Ceyl. iii, p. 199, pl. 174, fig. 10, ♂, (1885).
I. M., Karachi, Nilgiri Hills (Swinhoe).
Collection Swinhoe, Karachi, Nilgiri Hills.
Also recorded from Ceylon.

2710. Hingula transvitta.

Hingula transvitta, Moore, Lep. Ceyl. iii, p. 551, pl. 215, fig. 1, (1887).
Ceylon.

2711. Hingula unicoloris.

Hingula unicoloris, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452.
Collection Swinhoe, Mhow.

Genus **Zethes.**

2712. Zethes amynoides.

Zethes amynoides, Moore, Descr. Ind. Lep. Atk. ii, p. 181, pl. 6, fig. 2, (1882).

Calcutta.

2713. Zethes cristifera.

Ephyrodes cristifera, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1071, (1865).
Catada epops, Felder & R. Reise, Novara Lep., pl. 120, fig. 4♂, ♀ (1873).
Zethes cristifera, Moore, Lep. Ceyl. iii, p. 193, (1885).
Collection Swinhoe, Ceylon, Andaman Islands.
Also recorded from Mussoorie.

2714. ZETHES DECOLOR.

Focilla (?) *decolor*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1029, (1865).
Zethes decolor, Moore, Lep. Ceyl. iii, p. 192, pl. 172, fig. 8, (1885).

Ceylon.

2715. ZETHES HÆSITANS.

Zethes hæsitans, Walker, Cat. Lep. Het. B. M., xv, p. 1524, (1858).

India.

2716. ZETHES LINEIFERA.

Ephyrodes lineifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1070, (1865).
Zethes sondaicus, Snellen, Tijd Voor. Ent. Neder. Ind. 1877, p. 38, pl. 2, fig. 17, ♂.
Zethes lineifera, Moore, Lep. Ceyl. iii, p. 192, pl. 172, fig. 5, (1885).

Collection Swinhoe, Ceylon.

2717. ZETHES PERTURBANS.

Zethes perturbans, Walker, Cat. Lep. Het. B. M., xv, p. 1525, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Sylhet.

2718. ZETHES RENALIS.

Zethes renalis, Moore, Lep. Ceyl. iii, p. 194, pl. 172, fig. 12, (1885).

Ceylon.

2719. ZETHES SOLUTA.

Thermesia soluta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).
Zethes soluta, Moore, Lep. Ceyl. iii, p. 193, (1885).

Ceylon.

2720. ZETHES USURPATALIS.

Egnasia usurpatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 219, ♀, (1858).
Zethes usurpatalis, Moore, Lep. Ceyl. iii, p. 193, pl. 172, fig. 11, (1885).

Ceylon.

2721. ZETHES XYLOCHROMA.

Zethes xylochroma, Walker, Cat. Lep. Het. B. M., xv, p. 1525, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Sylhet.

Genus **Thyridospila.**

2722. THYRIDOSPILA FASCIATA.

Thyridospila fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 181, pl. 6, fig. 20, (1882).

Sikkim.

2723. THYRIDOSPILA SPHÆRIPHORA.

Thyridospila sphæriphora, Moore, Proc. Zool. Soc. Lond. 1867, p. 79.
Bengal.

Genus **Saraca.**

2724. SARACA PANNOSA.

Saraca pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 182, (1882).
Cherrapunji, Sikkim.
Allied to *S. trimantesalis*.

2725. SARACA TRIMANTESALIS.

Egnasia trimantesalis Walker, Cat. Lep. Het. B. M., xvi, p. 220, No. 6, (1858).
————————, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Collection Swinhoe, Java.
Also recorded from Sylhet and Sikkim.

Genus **Harmatelia.**

2726. HARMATELIA BASALIS.

Harmatelia basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 183, pl. 6, fig. 13, (1882).
Cherrapunji, Sikkim.

2727. HARMATELIA BIPARTITA.

Harmatelia bipartita, Moore, Descr. Ind. Lep. Atk. ii, p. 182, (1882).
Khasia Hills, Cherrapunji.

Genus **Rhæsena.**

2728. RHÆSENA OBLIQUIFASCIATA.

Rhæsena obliquifasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 183, (1882).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Collection Swinhoe, Bombay, Rangoon.
Also recorded from Calcutta, Poona.

Genus **Cultripalpa.**

2729. CULTRIPALPA INDISTINCTA.

Cultripalpa indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 183, (1882).
Calcutta.

2730. CULTRIPALPA PARTITA.

Cultripalpa partita, Guén., Noct. iii, 332, 1797, (1852).
———————— Walker, Cat. Lep. Het. B. M., xv, p. 1528, (1858).
India.

2731. Cultripalpa trifasciata.

Cultripalpa trifasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 184, pl. 6, fig. 1, (1882).

Cherrapunji.

Genus **Egnasia**.

2732. Egnasia binorbiculata.

Egnasia binorbiculata, Moore, Lep. Ceyl. iii, p. 194, pl. 172, fig. 6, (1885).

I. M., Buxa (Moti Ram), Sibsagar (Peal).
Also recorded from Ceylon.

2733. Egnasia castanea.

Egnasia castanea, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).

Khasi Hills, Sikkim.

2734. Egnasia cingalensis.

Egnasia cingalensis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1178, (1865).
——————— Moore, Lep. Ceyl. iii, p. 195, pl. 172, fig. 10, (1885).

Ceylon.

2735. Egnasia costipannosa.

Egnasia costipannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).

Collection Swinhoe, Mandi.
Also recorded from Sikkim.

2736. Egnasia ephyrodalis.

Egnasia ephyrodalis, Walker, Cat. Lep. Het. B. M., xvi, p. 217, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

Collection Swinhoe, Ceylon.
Also recorded from Sylhet.

2737. Egnasia khasiana.

Egnasia khasiana, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).

Khasi Hills.
Allied to *E. ephyrodalis*.

2738. Egnasia ludiana.

Gracilodes ludiana, Felder & R. Reise, Novara Lep., pl. 120, fig. 25, (1873).

Sylhet.

2739. Egnasia morosa.

Egnasia morosa, Moore, Descr. Ind. Lep. Atk. ii, p. 185, pl. 6, fig. 4, (1882).

Sikkim.
Allied to *E. castanea*.

2740. EGNASIA OCELLATA.

Egnasia ocellata, Moore, Lep. Ceyl. iii, p. 195, pl. 174, fig. 4, (1885).
Ceylon.

2741. EGNASIA REDUPLICALIS.

Egnasia (?) *reduplicalis*, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1179, (1865).
India.

2742. EGNASIA SCOPIGERA.

Egnasia scopigera, Moore, Lep. Ceyl. iii, p. 195, pl. 172, fig. 9 ♂, (1885).
Ceylon.

2743. EGNASIA TALUSALIS.

Egnasia talusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 219, (1858).
India.

2744. EGNASIA VAGA.

Thermesia vaga, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1057, (1865).
Egnasia vaga, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Sylhet.

Genus **Matella.**

2745. MATELLA ACCINGALIS.

Egnasia accingalis, Walker, Cat. Lep. Het. B. M., xvi, p. 218, ♀, (1858).
Matella accingalis, Moore, Lep. Ceyl. iii, p. 196, pl. 172, fig. 7, ♂, (1885).
Ceylon.

2746. MATELLA CADUCA.

Matella caduca, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470, pl. 28, fig. 9, ♀.
I. M., North Canara (Swinhoe).
Collection Swinhoe, Poona, North Canara, Khandalla, Nilgiri Hills.
Allied to *M. participalis*.

2747. MATELLA PARTICIPALIS.

Egnasia participalis, Walker, Cat. Lep. Het. B. M., xvi, p. 218, (1858).
Matella participalis, Moore, Lep. Ceyl. iii, p. 196, (1885).
Ceylon.

2748. MATELLA SINUOSA.

Egnasia sinuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).
Calcutta, Moulmein.
Allied to *E. accingalis*.

Genus **Moscha.**

2749. MOSCHA POSTICALIS.

Moscha posticalis, Walker, Cat. Lep. Het. B. M, xxxiv, p. 1200, (1865).
India.

Genus **Daxata.**

2750. DAXATA BIJUNGENS.

Daxata bijungens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1109, (1865).
——————— Moore, Lep. Ceyl. iii, p. 198, pl. 174, fig. 9, (1885).
Collection Swinhoe, North Canara.
Also recorded from Ceylon.

2751. DAXATA TANTILLA.

Daxata tantilla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Collection Swinhoe, Bombay.

Genus **Acharya.**

2752. ACHARYA COSTALIS.

Acharya costalis, Moore, Proc. Zool. Soc. Lond. 1883, p. 28, pl. 6, fig. 10.
Andaman Islands.

2753. ACHARYA CRASSICORNIS.

Acharya crassicornis, Moore, Descr. Ind. Lep. Atk. ii, p. 185, pl. 6, fig. 3, (1882).
Sylhet.

Genus **Nagadeba.**

2754. NAGADEBA INDECORALIS.

Nagadeba indecoralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1521, ♀, (1865).
———————Moore, Lep. Ceyl. iii, p. 197, pl. 174, fig. 3, (1885).
Ceylon.

Genus **Diomea.**

2755. DIOMEA ROTUNDATA.

Diomea rotundata, Walker, Cat. Lep. Het. B. M., xiii, p. 1110, (1857).
——————— Moore, Lep. Ceyl. iii, p. 199, (1885).
Ceylon.

Family AMPHIGONIDÆ.

Genus **Lacera.**

2756. Lacera alope.

Phalæna (*Noctua*) *alope*, Cram., Pap. Exot. iii, p. 286, figs. E. & F, (1780).
Lacera capella, Guén., Noct. iii, p. 337, pl. 24, fig. 13, (1852).*
———— Walker, Cat. Lep. Het. B. M., xv, p. 1537, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
Lacera alope, Moore, Lep. Ceyl. iii, p. 214, pl. 173, figs. 1, 1*a*, (1885).

I. M., Solon (Swinhoe), Kulu (purchased), Andaman Islands (purchased).
Collection Swinhoe, Poona, Bombay, Ceylon, Nilgiri Hills.

Genus **Amphigonia.**

2757. Amphigonia comprimens.

Amphigonia comprimens, Walker, Cat. Lep. Het. B. M., xv, p. 1540, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 81.
———— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 46, pl. 112, fig. 7, (1886).

I. M., Andaman Islands (purchased).
Also recorded from Sylhet.

2758. Amphigonia hepatizans.

Amphigonia hepatizans, Guén., Noct. iii, p. 338, pl. 24, fig. 12, (1852).*
———— Walker, Cat. Lep. Het. B. M., xv, p. 1541, (1858).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
———— Moore, Lep. Ceyl. iii, p. 215, pl. 173, fig. 4, (1885).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Bombay, Andaman Islands.
Also recorded from Ceylon.

Family THERMESIIDÆ.

Genus **Platyja.**

2759. Platyja lobifera.

Platyja lobifera, Moore, Journ. Asiatic Soc. Bengal, pt. ii, p. 101, (1886).

I. M., Moore's Type from Tavoy (Moti Ram).

2760. Platyja umminia.

Phalæna (*Noctua*) *umminia*, Cram., Pap. Exot. iii, pl. 267, fig. F, (1780).
Platyja umminea, (sic), Hübn., Verz. Bek. Schmett, p. 268, (1816).
Platyja umminia, Moore, Lep. Ceyl. iii, p. 201, pl. 173, figs. 6, 6*a*, (1885).
Ophisma umminia, Walker, Cat. Lep. Het. B. M., xiv, p. 1384, (1858).
Sympis subunita, Guén., Noct. iii, p. 344, (1852).*
———— Walker, *loc. cit.* xv., p. 1549, No. 2, (1858),

PLATYJA UMMINIA—*continued.*

Cotuza drepanoides, Walker, *loc. cit.* xv, p. 1552, (1858).
Ginœa removens, Walker, *loc. cit.*, p. 1638, (1858).
Ophisma trajecta, Walker, Char. Undescr. Lep. Het., p. 108, (1869).
Hulodes falcata, Felder & R. Reise, Novara Lep., pl. 115, fig. 8, ♂, (1873).

Collection Swinhoe, North India.
Also recorded from Ceylon, Celebes.

Genus **Sympis.**

2761. SYMPIS RUFIBASIS.

Sympis rufibasis, Guén., Noct. iii, p. 344, pl. 24, fig. 1, (1852).*
———— Walker, Cat. Lep. Het. B. M., xv, p. 1549, (1858].
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
———— Lep. Ceyl. iii, p. 202, pl. 173, figs. 5, 5*a*, (1885).

I. M., Sikkim (purchased).
Collection Swinhoe, Sylhet, Ceylon.
Also recorded from Java and Sumatra.

2762. SYMPIS TURBIDA.

Sympis turbida, Moore, Proc. Zool. Soc. Lond. 1877, p. 611.

Andaman Islands.

Genus **Sanys.**

2763. SANYS ANGULINA.

Sanys angulina, Guén., Noct. iii, 350, 1823,* (1852).
———— Walker, Cat. Lep. Het. B. M., xv, p. 1558, (1858).

India.

2764. SANYS FLEXUS.

Sanys flexus, Moore, Descr. Ind. Lep. Atk. ii, p. 175, (1882).

Cherrapunji.

2765. SANYS PULVERATA.

Sanys pulverata, Guén., Noct. iii, 351, 1822, (1852).*
———— Walker, Cat. Lep. Het. B. M., xv, p. 1558, (1858).

India.

2766. SANYS RIVULOSA.

Thermesia rivulosa, Walker, Cat. Lep. Het. xxxiii, p. 1060, (1865).
Sanys rivulosa, Moore, Lep. Ceyl. iii, p. 205, pl. 174, fig. 5, (1885).

India, Ceylon.

Genus **Thermesia.**

2767. THERMESIA ARENACEA.

Thermesia arenacea, Walker, Cat. Lep. Het. B. M. xxxiii, 1056, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

2768. THERMESIA CONSOCIA.

Thermesia consocia, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1057, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

2769. THERMESIA CREBERRIMA.

Thermesia creberrima, Walker, Cat. Lep. Het., B. M., xv, p. 1574, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
——————— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 47, pl. 112, fig. 8, (1886).

Sylhet.

2770. THERMESIA DESPECTA.

Thermesia despecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1058, (1865).

India.

2771. THERMESIA OBLITA.

Thermesia oblita, Moore, Descr. Ind. Lep. Atk. ii, p. 176, (1882).

Parisnath.

2772. THERMESIA (?) RETRAHENS.

Thermesia retrahens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1063, (1865).

2773. THERMESIA SIMPLEX.

Thermesia simplex, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1063, (1865).

India.

2774. THERMESIA SUBCOSTALIS.

Thermesia subcostalis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1059, (1865).

India.

Genus **Seneratia.**

2775. SENERATIA PRÆCIPUA.

Thermesia præcipua, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1056, ♀, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
Seneratia præcipua, Moore, Lep. Ceyl. iii, p. 203, pl. 173, figs. 2, 2*a*, (1885).

I. M., Andaman Islands (purchased).
Also recorded from Sylhet and Ceylon.

Genus **Dunira.**

2776. DUNIRA NISALIS.

Hypena nisalis, Walker, Cat. Lep. Het. B. M., xix, p. 845, (1859).
(?) *Hypena rubripunctalis*, Walker, *loc. cit.* xvi, p. 233, (1858).
Dunira nisalis, Moore, Lep. Ceyl. iii, p. 207, (1885).

Ceylon.

2777. Dunira scitula.

Thermesia scitula, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).
Dunira scitula, Moore, Lep. Ceyl. iii, p. 207, pl. 174, fig. 13, (1885).
Ceylon.

Genus **Capnodes.**

2778. Capnodes maculicosta.

Capnodes maculicosta, Walker, Cat. Lep. Het. B. M., xv, p. 1608, (1858).
——————— Moore, Lep. Ceyl. iii, p. 211, (1885).
Thermesia finipalpis, Walker, *loc. cit.* xv, p. 1574, ♀, (1858).
Ceylon.

2779. Capnodes minor.

Capnodes minor, Moore, Lep. Ceyl. iii, p. 212, pl. 174, fig. 11, (1885).
Ceylon.

2780. Capnodes pallens.

Capnodes pallens, Moore, Descr. Ind. Lep. Atk. ii, p. 176, pl. 5, fig. 21, (1882).
Calcutta.

2781. Capnodes rufescens.

Capnodes rufescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
Andaman Islands.

2782. Capnodes stellata.

Capnodes stellata, Moore, Proc. Zool. Soc. Lond. 1883, p. 28.
Singapore.

2783. Capnodes tetraspila.

Capnodes tetraspila, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1076, (1858).
——————— Moore, Lep. Ceyl. iii, p. 211, (1885).
Ceylon.

2784. Capnodes trifasciata.

Capnodes trifasciata, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
——————— Lep. Ceyl. iii, p. 211, pl. 174, fig. 12, (1885).
Andaman Islands, Ceylon.

Genus **Durdara.**

2785. Durdara fenestrata.

Durdara fenestrata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 6.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
I. M., Bombay (Swinhoe).
Collection Swinhoe, Bombay.

2786. Durdara lineola.

Striglina lincola, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 284, (1877).

Bengal.

2787. Durdara lobata.

Durdara lobata, Moore, Descr. Ind. Lep. Atk. ii, p. 177, pl. 5, fig. 16, (1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Khasi Hills.

2788. Durdara myrtæa.

Phalæna (*Noctua*) *myrtæa*, Drury, Ins. Exot. ii, 4, pl. 2, fig. 3, (1773).
Noctua myrtæa, Westw., Ed. Drury, ii, 3, pl. 2, fig. 3, (1837-42).
Striglina myrtea, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 285, (1877).
Thermesia (?) *myrtæa*, Walker, Cat. Lep. Het. B. M., xv, p. 1575, (1858).
Durdara myrtæa, Moore, Descr. Ind. Lep. Atk. ii, p. 177, (1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.
Also recorded from Sikkim.

2789. Durdara pyraliata.

Durdara pyraliata, Moore, Descr. Ind. Lep. Atk. ii, p. 177, (1882).

Calcutta.

2790. Durdara zonula.

Durdara zonula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469, pl. 28, fig. 12.

Collection Swinhoe, Bombay.

Genus **Raparna.**

2791. Raparna ochreipennis.

Raparna ochreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 8, (1882).

Parisnath Hill.

2792. Raparna transversa.

Raparna transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 178, (1882).

North-West Himalayas and Parisnath Hill.

2793. Raparna undulata.

Raparna undulata, Moore, Descr. Ind. Lep. Atk. ii, p. 178, (1882).

Dharmsala, Calcutta.

Genus **Selenis.**

2794. Selenis longipalpis.

Selenis longipalpis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1068, (1865).

India.

2795. Selenis obscura.

Selenis obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 10, (1882).

Sikkim.

2796. Selenis reticulata.

Selenis reticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 9, (1882).

Sikkim.

2797. Selenis translineata.

Selenis translineata, Walker, Char. Undescr. Lep. Het., p. 93, (1869).

Benares.

Genus **Mestleta.**

2798. Mestleta abrupta.

Mestleta abrupta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 830, (1865).
——————— Swinhoe, Proc Zool. Soc. Lond. 1885, p. 469.
——————— Moore, Lep. Ceyl. iii, p. 208, pl. 174, figs. 2, 2*a*, (1885).
Selenis abrupta, Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Collection Swinhoe, Bombay, Poona.
Also recorded from Ceylon.

2799. Mestleta acontioides.

Mestleta acontioides, Moore, Descr. Ind. Lep. Atk. ii, p. 179, pl. 5, fig. 15, (1882).

Calcutta.

2800. Mestleta angulifera.

Mestleta angulifera, Moore, Descr. Ind. Lep. Atk. ii, p. 179, (1882).'
——————— Lep. Ceyl. iii, p. 208, pl. 175, figs. 2, 2*a*, (1885).

Calcutta, Ceylon.

2801. Mestleta baccaliæ.

Mestleta baccaliæ, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452, pl. 40, fig. 7.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Mhow, Karachi, Mahableshwar.

2802. Mestleta ceylonica.

Thermesia ceylonica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).
Mestleta ceylonica, Moore, Lep. Ceyl. iii, p. 210, (1885).

Ceylon.

2803. Mestleta divisa.

Selenis divisa, Walker, Trans. Ent. Soc. Lond. (3), i. p. 107, (1862-64).
———————— Cat. Lep. Het. B. M., xxxiii, p. 1066, (1865).
Selenis semilux, Walker, *loc. cit.* xxxiii, p. 1069, (1865).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
Mestleta divisa, Moore, Lep. Ceyl. iii, p. 210, pl. 174, fig. 7, (1885).

I. M., a specimen with no history.
Collection Swinhoe, Bombay, Karachi.
Also recorded from Ceylon.

2804. Mestleta duplexa.

Mestleta duplexa, Moore, Proc. Zool. Soc. Lond. 1877, p. 611, pl. 60, fig. 5.

South Andaman Islands.

2805. Mestleta interrupta.

Mestleta interrupta, Moore, Lep. Ceyl. iii, p. 209, pl. 175, fig. 7, (1885).

Ceylon.

2806. Mestleta irrecta.

Selenis irrecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1066, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
Selenis niviapex, Walker, *loc. cit.* xxxiii, p. 1069, (1865).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.
Mestleta irrecta, Moore, Lep. Ceyl. iii, p. 209, pl. 174, figs. 1, 1*a*, (1885).

I. M., Andaman Islands (purchased), Sikkim, Bombay, and Poona (Swinhoe).
Collection Swinhoe, Bombay, Poona, Khandalla.
Also recorded from Ceylon.

2807. Mestleta lunifera.

Mestleta lunifera, Moore, Lep. Ceyl. iii, p. 209, pl. 175, fig. 3, (1885).

Ceylon.

2808. Mestleta multiguttata.

Selenis multiguttata, Walker, MS. Coll. B. M.
Mestleta multiguttata, Moore, Lep. Ceyl. iii, p. 210, pl. 174, fig. 8, (1885).

Ceylon.

Genus **Sonagara**.

2809. Sonagara bivittata.

Sonagara bivittata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 7.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Sikkim, Camorta.
Allied to *S. decussata*.

2810. Sonagara decussata.

Sonagara decussata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 8.

I. M., Sibsagar (Peal).
Collection Swinhoe, Sikkim.

2811. Sonagara reticulata.

Thermesia (?) *reticulata*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1062, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 77; and 1877, p. 611.
Sonagara reticulata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.
Drepanodes (?) *scitaria*, Walker, *loc. cit.*, xxvi, p. 1488, (1862).
Anisodes (?) *pyriniata*, Walker, *loc. cit.* xxvi, p. 1582, (1862).
Homodes thermesioides, Snellen, Tijd. Voor. Ent., vol. xx, p. 28, pl. 2, fig. 15, (1877).
Sonagara scitaria, Moore, Lep. Ceyl. iii, p. 206, pl. 175, figs. 1, 1*a*, (1885).

Collection Swinhoe, Bombay, Rangoon.
Also recorded from Sikkim, South India, Andaman Islands, and Ceylon.

2812. Sonagara strigipennis.

Sonagara strigipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 180, (1882).

Sikkim.

2813. Sonagara strigosa.

Sonagara strigosa, Moore, Descr. Ind. Lep. Atk. ii, p. 180, pl. 5, fig. 17, (1882).

Calcutta.
Allied to *S. reticulata*.

2814. Sonagara vialis.

Sonagara vialis, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 9.

Himalayas.
Allied to *S. strigipennis*.

Genus **Azazia**.

2815. Azazia rubricans.

Ophiusa rubricans, Boisd., Faun. Lep. Mad., p. 106, pl. 16, fig. 1, (1834).*
Thermesia rubricans, Guén., Noct. iii, p. 356, 1827, (1852).*
Azazia rubricans, Walker, Cat. Lep. Het. B. M., xv. p. 1576, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 78; and 1877, p. 611.
———— Butler, Ann. Mag. N. H. (5), 5, p. 225, (1880).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522; and 1885, p. 468.
———— Moore, Lep. Ceyl. iii, p. 204, pl. 173, figs. 3, 3*a*, (1885).
Thermesia transducta, Walker, *loc. cit.* xxxiii, p. 1058, (1865).
Thermesia consueta, Walker, Char. Undescr. Lep. Het., p. 93, (1869).

I. M., Poona (Swinhoe), Sind (Murray and Swinhoe).
Collection Swinhoe, Sikkim, Solun, Karachi, Bombay, Poona, and Khandalla.
Also recorded from South Africa, Ceylon, Andaman Islands, Navigators Islands, and all parts of India.

Genus **Marmorinia.**

2816. MARMORINIA SHIVULA.

Marmorinia shivula, Guén., Noct. iii, 372, 1856, (1852).*
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
——————— Walker, Cat. Lep. Het. B. M., xv, p. 1598, (1858).

Sylhet.

2817. MARMORINIA SINGHA.

Marmorinia singha, Guén., Noct. iii, 372, 1855, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xv, p. 1578, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus **Mecodina.**

2818. MECODINA LANCEOLA.

Mecodina lanceola, Guén., Noct. iii, 373, 1857, (1852).*
——————— Walker, Cat. Lep. Het. B. M., xv, p. 1599, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus **Singara.**

2819. SINGARA DIVERSALIS.

Singara diversalis, Walker, Cat. Lep. Het. B. M., xxxiii, 1113, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Sylhet.

Genus **Fascellina.**

2820. FASCELLINA CASTANEA.

Fascellina castanea, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.

South Andaman Islands.
Allied to *F. chromataria*.

2821. FASCELLINA CHROMATARIA.

Fascellina chromataria, Walker, Cat. Lep. Het. B. M., xx, p. 215, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

I. M., Andaman Islands (purchased), Sibsagar (Peal), Sikkim (Barnes; also purchased).
Collection Swinhoe, Sylhet.

2822. FASCELLINA VIRIDIS.

Fascellina viridis, Moore, Proc. Zool. Soc. Lond. 1867, p. 79, pl. 7, fig. 4.

I. M., Sibsagar (Peal).
Collection Swinhoe, Solun, Sylhet.

Genus **Pleurona.**

2823. PLEURONA FALCATA.

Pleurona falcata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1564, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 612, pl. 60, fig. 6.

Andaman Islands.

Genus **Gesonia.**

2824. GESONIA FLAVIFRONS.

Gesonia flavifrons, Moore, Lep. Ceyl. iii, p. 552, pl. 214, fig. 8, (1887).

Ceylon.

2825. GESONIA GEMMA.

Gesonia gemma, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

I. M., Poona (Swinhoe).
Collection Swinhoe, Poona.

2826. GESONIA OBEDITALIS.

Gesonia obeditalis, Walker, Cat. Lep. Het. B. M., xvi, p. 75, (1858).
———— Moore, Lep. Ceyl. iii, p. 213, (1885).

Ceylon.

2827. GESONIA SCITULA.

Thermesia (?) *scitula*, Walker, Cat. Lep. Het. B. M., xxxv, p. 1973, ♀, (1866).
Gesonia scitula, Moore, Lep. Ceyl. iii, p. 213, pl. 174, fig. 6, (1885).

South India, Ceylon.

2828. GESONIA SECUNDALIS.

Gesonia secundalis, Walker, Cat. Lep. Het. B. M., xvi, p. 235, (1858).
———— Moore, Lep. Ceyl. iii, p. 212, (1885).

Ceylon.

Genus **Macna.**

2829. MACNA POMALIS.

Macna pomalis, Walker, Cat. Lep. Het. B. M., xvi, p. 78, (1858).

Singapore.

Genus **Ugia.**

2830. UGIA DISJUNGENS.

Ugia disjungens, Walker, Cat. Lep. Het. B. M., xv, p. 1861, (1858).

Singapore.

Genus **Saroba.**

2831. SAROBA PUSTULIFERA.

Saroba pustulifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1097, (1865).

North India.

Genus **Obdora.**

2832. OBDORA NIGRILINEA.

Obdora nigrilinea, Walker, Char. Undescr. Lep. Het., p. 95, (1869).
Benares.

Genus **Tamba.**

2833. TAMBA SUBMICACEA.

Tamba submicacea, Walker, Char. Undescr. Lep. Het., p. 94, (1869).
Benares.

Genus **Zinna.**

2834. ZINNA NIGRIPALPIS.

Zinna nigripalpis, Walker, Char. Undescr. Lep. Het., p. 96, (1869).
Benares.

Genus **Sarunga.**

2835. SARUNGA CALIDA.

Sarunga calida, Walker, Char. Undescr. Lep. Het., p. 110, (1869).
Sylhet.

Genus **Doranaga.**

2836. DORANAGA APICALIS.

Doranaga apicalis, Moore, Lep. Ceyl. iii, p. 553, pl. 214, fig. 7, (1887).
Ceylon.

2837. DORANAGA STRIATURA.

Doranaga striatura, Moore, Lep. Ceyl. iii, p. 553, pl. 214, fig. 11, (1887).
Ceylon.

Group DELTOIDES.

Family PLATYDIDÆ.

Genus **Masca**.

2838. Masca abactalis.

Masca abactalis, Walker, Cat. Lep. Het. B. M., xvi, p. 9, (1858).

Singapore.

Genus **Episparis**.

2839. Episparis exprimens.

Episparis exprimens, Walker, Trans. Ent. Soc. Lond. (3) i, p. 106, (1862-64).
——————————— Cat. Lep. Het. B. M., xxxiii, p. 1032, (1865).

India.

2840. Episparis sejunctalis.

Pradiota sejunctaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1572, (1866).
Episparis sejunctalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81.

Bengal.

2841. Episparis tortuosalis.

Episparis tortuosalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81, pl. 7, fig. 5.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

2842. Episparis varialis.

Neviasca varialis, Walker, Cat. Lep. Het. B. M., xvi, p. 7, (1858).
Episparis varialis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81; and 1877, p. 611.
——————————— Lep. Ceyl. iii, p. 217, pl. 175, fig. 12, (1885).
Episparis signata, Walker, *loc. cit.*, xxxiii, p. 1032, (1865).
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470; and (1886), p. 452.
Episparis davallia, Felder & R. Reise, Novara Lep., pl. 120, fig. 41, p. (1873).

I. M., Calcutta, Andaman Islands (purchased), Sikkim (purchased), Ranchi (Irvine), Kulu (purchased).
Collection Swinhoe, Sikkim, Mhow, Poona, Bombay, Rangoon.
Also recorded from Ceylon.

Genus **Clatera**.

2843. CLATERNA CYDONIA.

Phalæna (*Noctua*) *cydonia*, Cram., Pap. Exot. i, pl. 22, fig. F, (1775).
Brotis cydoniaria, Hübn., Verz. Bek. Schmett, p. 303, 2926, (1816).*
Herminia sidonia, Guérin., Icon. Reg. Anim., pl. 90, fig. 5, ( ).*
Trigonia cydonialis, Guén., Delt. et Pyral, p. 12, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 4, (1858).
Focilla submemorans, Walker, *loc. cit.*, xv, p. 1533, (1858).
Claterna exagens, Walker, *loc. cit.*, xv, p. 1543, (1858).
Claterna cydonia, Moore, Lep. Ceyl. iii, p. 216, pl. 175, fig. 11, (1885).

Ceylon.

FAMILY HYPENIDÆ.

Genus **Dichromia**.

2844. DICHROMIA OROSIA.

Phalæna (*Noctua*) *orosia*, Cram., Pap. Exot. iii, pl. 275, fig. D, (1780).
Calymma orosia, Hübn., Verz. Bek. Schmett, p. 281, 2760, (1816).*
Dichromia orosialis, Guén., Delt. et Pyral, p. 18, No. 7, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 81.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Dichromia orosia, Moore, Lep. Ceyl. iii, p. 220, pl. 176, figs. 1, 1*a*, (1885).

I. M., Sibsagar (Peal), Ceylon (Colombo Museum), Bangalore, Barakur, Sikkim (purchased), Kulu (purchased).
Collection Swinhoe, Solun, Dharmsala, Poona, Ceylon.

2845. DICHROMIA PULLATA.

Dichromia pullata, Moore, Lep. Ceyl. iii, p. 221, pl. 176, fig. 4, (1885).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.

I. M., Matheran, (Swinhoe).
Collection Swinhoe, Bombay, Matheran, Lanaoli, Khandalla.
Also recorded from Ceylon.

2846. DICHROMIA QUADRALIS.

Dichromia quadralis, Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).

North India.

2847. DICHROMIA TRIGONALIS.

Dichromia trigonalis, Guén., Delt. et Pyral. 19, 8, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).

I. M., Sikkim (Swinhoe)
Collection Swinhoe, Solun, Mandi, Sikkim.
Also recorded from Nepal.

2848. DICHROMIA TRIPLICALIS.

Dichromia triplicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 16, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 81.

I. M., Buxa (Moti Ram), North Khasi Hills, Shillong, Sikkim, Cherrapunji.

Genus **Talapa.**

2849. TALAPA CALIGINOSALIS.

Remigia (?) *caliginosa*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1017, (1865).
Talapa caliginosalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 82, pl. 7, fig. 6.

Collection Swinhoe, Sikkim.

Genus **Anoratha.**

2850. ANORATHA COSTALIS.

Anoratha costalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 82, pl. 7, fig. 1, (*not* 9).

Collection Swinhoe, Sikkim.

2851. ANORATHA PARITALIS.

Hypena paritalis, Walker, Cat. Lep. Het. B. M., xvi, p. 65, (1858).
Anoratha paritalis, Moore, Lep. Ceyl. iii, p. 219, pl. 176, figs. 7, 7*a*, (1885).

Ceylon.

Genus **Corcobara.**

2852. CORCOBARA ANGULIPENNIS.

Corcobara angulipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 186, pl. 6, fig. 16, (1882).
——————————— Lep. Ceyl. iii, p. 218, pl. 176, fig. 3, (1885).

Ceylon, Sikkim.

2853. CORCOBARA THWAITESI.

Corcobara thwaitesi, Moore, Lep. Ceyl. iii, p. 218, pl. 176, figs. 2, 2*a* ♀, 2*b*, (1885).

Ceylon.

Genus **Apanda.**

2854. APANDA DENTICULATA.

Apanda denticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 187, pl. 6, fig. 24, (1882).

Sikkim.

Genus **Harita.**

2855. HARITA RECTILINEA.

Harita rectilinea, Moore, Descr. Ind. Lep. Atk. ii, p. 187, pl. 6, fig. 23, (1882).

Khasi Hills.

Genus **Mathura.**

2856. MATHURA ALBISIGNA.

Mathura albisigna, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).

Cherrapunji.

Genus **Rhynchina.**

2857. Rhynchina angulifascia.

Rhynchina angulifascia, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).
Mussoorie, Cashmir.

2858. Rhynchina pervulgaris.

Rhynchina pervulgaris, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 5; and 1886, p. 452.
Collection Swinhoe, Mhow, Poona, Bombay.

2859. Rhynchina pionealis.

Rhynchina pionealis, Guén., Delt. et Pyral. 21, 10, (1854).*
———— Walker, Cat. Lep. Het. B. M., xvi, p. 18, (1858).
India.

2860. Rhynchina xylina.

Rhynchina xylina, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452.
Collection Swinhoe, Mhow.

Genus **Hypena.**

2861. Hypena abducalis.

Hypena abducalis, Walker, Cat. Lep. Het. B. M., xvi, p. 66, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 83.*
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453.
I. M., Mhow (Swinhoe).
Collection Swinhoe, Solun, Umballa, Mhow.
Also recorded from Bengal.

2862. Hypena absimilis.

Hypena absimilis, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).
Khasi Hills.
Allied to *H. occatus*.

2863. Hypena basistrigalis.

Hypena basistrigalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.
I. M., Kulu (purchased).
Also recorded from Cherrapunji and Sikkim.

2864. Hypena biangulata.

Hypena biangulata, Moore, Lep. Ceyl. iii, p. 223, pl. 176, fig. 9, (1885).
Ceylon.

2865. Hypena castanealis.

Hypena castanealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.
I. M., Sikkim.
Collection Swinhoe, Sikkim.

2866. Hypena cervinalis.

Hypena cervinalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Kulu (purchased).
Collection Swinhoe, Sikkim.

2867. Hypena cidarioides.

Hypena cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).

Khasi Hills.
Allied to *H. tortuosa*.

2868. Hypena cognata.

Hypena cognata, Moore, Lep. Ceyl. iii, p. 224, pl. 175, fig. 8, (1885).

Ceylon.

2869. Hypena colombana.

Hypena colombana, Moore, Lep. Ceyl. iii, p. 223, pl. 176, fig. 8, (1885).

I. M., (?) Andaman Islands (purchased).
Also recorded from Ceylon.

2870. Hypena costinotalis.

Hypena costinotalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

Collection Swinhoe, Sikkim.

2871. Hypena dentilinealis.

Hypena dentilinealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613, pl. 60, fig. 7.

I. M., Andaman Islands (purchased).

2872. Hypena detersalis.

Hypena detersalis, Walker, Cat. Lep. Het. B. M., xvi, p. 232, (1858).
——————— Moore, Lep. Ceyl. iii, p. 226, (1885).

Ceylon.

2873. Hypena divaricata.

Hypena divaricata, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).

Khasi Hills, Sikkim.
Allied to *H. labatalis*.

2874. Hypena divisalis.

Hypena divisalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.

I. M., Sikkim.

2875. Hypena (?) elongalis.

Phalæna elongalis, Fabr., Syst. Gloss. 221, 345.*
Hypena (?) elongalis, Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).
Tranquebar.

2876. Hypena extensa.

Hypena externa, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1139, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
Sikkim.

2877. Hypena externa

Hypena extensa, Moore, Descr. Ind. Lep. Atk. ii, p. 196, (1882).
Sikkim.

2878. Hypena flexuosa.

Hypena flexuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
Collection Swinhoe, Sikkim.

2879. Hypena (?) gemina.

Hyblæa gemina, Fabr., Syst. Gloss. 128, 6.*
Hypena (?) geminalis, Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).
India.

2880. Hypena griseipennis.

Hypena griseipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
Cherrapunji.
Allied to *H. laceratalis* and *H. ignotalis*.

2881. Hypena iconicalis.

Hypena iconicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 61, (1858).
———— Moore, Lep. Ceyl. iii, p. 225, pl. 175, fig. 9, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.
I. M., Andaman Islands (purchased), Sibsagar (Peal).
Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Ceylon and Java.

2882. Hypena ignotalis.

Hypena ignotalis, Walker, Cat. Lep. Het. B. M., xvi, p. 60, (1858).
North India.

2883. Hypena incurvata.

Hyena incurvata, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).
Khasi Hills.
Allied to *H. abducalis*.

2884. Hypena indicalis.

Hypena indicalis, Guén., Delt. et Pyral. 31, 25, (1854).*
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 55, (1858).

Collection Swinhoe, Sikkim.

2885. Hypena ineffectalis.

Hypena ineffectalis, Walker, Cat. Lep. Het. B. M., xvi, p. 85, (1858).
———————Moore, Lep. Ceyl. iii, p. 226, (1885).

Collection Swinhoe, Travancore, Bombay.
Also recorded from Ceylon.

2886. Hypena jocosalis.

Hypena jocosalis, Walker, Cat. Lep. Het. B. M., xvi, p. 57, (1858).
———————Moore, Lep. Ceyl. iii, p. 223, (1885).

Ceylon.

2887. Hypena labatalis.

Hypena labatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 66, (1858).
———————Moore, Lep. Ceyl. iii, p. 225, pl. 176, fig. 6, (1885).

Ceylon.

2888. Hypena laceratalis.

Hypena laceratalis, Walker, Cat. Lep. Het. B M., xvi, p. 60, (1858).
———————Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
———————Moore, Lep. Ceyl. iii, p. 224, pl. 176, figs. 5, 5*a*, (1885).
———————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

I. M., Karachi (Swinhoe and Murray), Kulu (purchased).
Collection Swinhoe, Karachi, Poona, Bombay.
Also recorded from Ceylon.
Closely allied to *H. ignotalis*.

2889. Hypena lacessalis.

Hypena lacessalis, Walker, Cat. Lep. Het. B. M., xvi, p. 59, (1858).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

2890. Hypena læsalis.

Hypena læsalis, Walker, Cat. Lep. Het. B. M., xvi, p. 62, (1858).
——————— Moore, Lep. Ceyl. iii, p. 224, pl. 175, fig. 10, (1885).

India, Ceylon.

2891. Hypena lativitta.

Hypena lativitta, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).

Collection Swinhoe, Sikkim.
Allied to *H. tenebralis*.

2892. Hypena lignealis.

Hypena lignealis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1138, (1865).
————————Moore, Lep. Ceyl. iii, p 226, (1885).

Ceylon.

2893. Hypena longipennis.

Hypena longipennis, Walker, Cat. Lep Het. B. M., xxxiv, p. 1139 (1865); and xxxv, p. 1976, (1866).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Sikkim, Nilgiri Hills.

2894. Hypena mandatalis.

Hypena mandatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 58, (1858).
———————— Moore, Lep. Ceyl. iii, p. 225, (1885).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

2895. Hypena masurialis.

Hypena masurialis, Guén., Delt. et Pyral. 38, 40, (1854).*
———————— Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).

Mussoorie.

2896. Hypena mediana.

Hypena mediana, Moore, Descr. Ind. Lep. Atk. ii, 1882, p. 189.

Parisnath.

2897. Hypena mimicalis.

Hypena mimicalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 6.

Collection Swinhoe, Poona, Bombay, Bhuj coast.

2898. Hypena modesta.

Hypena modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Sikkim
Also recorded from Cherrapunji.

2899. Hypena molpusalis.

Hypena molpusalis, Walker, Cat. Lep. Het. B. M., xix, p. 844, (1859).
———————— Moore, Lep. Ceyl. iii, p. 222, (1885).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.
Hypena subapicalis, Walker, *loc. cit.*, xxxiv, p. 1137, (1865).
Hypena sparsalis, Walker, *loc. cit.*, p. 1511.

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

2900. Hypena narratalis.

Hypena narratalis, Walker, Cat. Lep. Het. B. M., xvi, p. 57, (1858).
I. M., Kulu (purchased).
Collection Swinhoe, Kasauli.

2901. Hypena obductalis.

Hypena obductalis, Walker, Cat. Lep. Het. B. M., xvi, p. 56, (1858).
Collection Swinhoe, Solun.

2902. Hypena obstupidalis.

Hypena obstupidalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28, fig. 7.
I. M., Bombay and Khandalla (Swinhoe).
Collection Swinhoe, Poona, Bombay, Khandalla.
Allied to *H. ignotalis*.

2903. Hypena occatus.

Hypena occatus, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).
Cherrapunji, Khasi Hills.

2904. Hypena ochreipennis.

Hypena ochreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).
Sikkim.
Allied to *H. proboscidialis*.

2905. Hypena ophiusoides.

Hypena ophiusoides, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).
Khasi Hills.

2906. Hypena quæsitalis.

Hypena quæsitalis, Walker, Cat. Lep. Het. B. M., xvi, p. 58, (1858).
——————— Moore, Lep. Ceyl. iii, p. 225, (1885).
Ceylon.

2907. Hypena quinquelinealis.

Hypena quinquelinealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
South Andaman Islands.

2908. Hypena proboscidalis.

Pyralis proboscidalis, Linn., Faun. Suec. 1346, (1761).
——————— Syst. Nat. ii, p. 881, (1767).
——————— Clerck, Icon, pl. 5, fig. 4 (1759).
——————— Fabr., Sp. Ins. ii, p. 271, No. 173, (1781).
——————— Mant. Ins. ii, p. 217, No. 270, (1787).
——————— Wien., Verz 119, 1.*

HYPENA PROBOSCIDALIS—*continued.*

——————— Sulz., Hist. Ins., pl. 23, fig. 6.*
——————— Gmel., Ed. Syst. Nat. i, 5, 2520, 331.*
——————— Hübn., Eur. Schmett, v, fig. 7.*
Phalæna rostralis, Berk., Syn. i, 146, (1795).*
Geometra proboscidalis, Treit., Syst. Nat. iii, 274.*
Phalæna lusalis, Fabr., Ent. Syst. iii, p. 221, No. 343, (1794).
Crambus proboscidens, Fabr., Suppl., 465, 7.*
Crambus proboscidatus, Haw., Lep. Brit. 365, 1.*
Hypena proboscidalis, Treit., Schm., 22.*
——————— Dup., Lep. France. 22, pl. 212, fig. 2.*
——————— Steph., Ill. Brit. Haust. iv, 11, 1.*
——————— Herr Schäff., Schm. Eur. vi, 426.*
——————— Guén., Delt. et Pyral, 30, 24, (1854)*.
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 24, (1858).

Collection Swinhoe, Solun.
Also recorded from Europe.

2909. HYPENA RECTIVITTALIS.

Hypena rectivittalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.

Bengal.

2910. HYPENA RHOMBOIDALIS.

Hypena rhomboidalis, Guén., Delt. et Pyral, 33, 29, (1854).*

Ceylon.

2911. HYPENA SIMILATA.

Hypena similata, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).

Khasi Hills, Calcutta.
Allied to *H. iconicalis*.

2912. HYPENA SPECULALIS.

Hypena speculalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 8.

Bombay.

2913. HYPENA STIPATA.

Nanaguna (?) stipata, Walker, Cat. Lep. Het. B. M., xxvii, p. 85, (1863).
Hypena stipata, Moore, Lep. Ceyl. iii, p. 227, (1885).

Ceylon.

2914. HYPENA STRIGIFASCIA.

Hypena strigifuscia, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

Sikkim.

2915. HYPENA SURREPTALIS.

Hypena surreptalis, Walker, Cat. Lep. Het. B. M., xvi, iv, p. 84, (1858).
——————— Moore, Lep. Ceyl. iii, p. 226, (1885).

Ceylon.

2916. Hypena tatorhina.

Hypena tatorhina, Butler, Ill. Typ. Lep. Het. iii, p. 60, pl. 55, fig. 13, (1879).
——————— Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Kulu (purchased).
Also recorded from Kalapani (Punjab).

2917. Hypena tenebralis.

Hypena tenebralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Sikkim (Swinhoe).
Collection Swinhoe, Sikkim.

2918. Hypena tortuosa.

Hypena tortuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).

Dehra, Sikkim.
Allied to *H. jocosalis*.

2919. Hypena triangularis.

Hypena triangularis, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

Khasi Hills.

2920. Hypena umbripennis.

Hypena umbripennis, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).

Khasi Hills.

2921. Hypena undulalis.

Hypena undulalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1138, (1865).

India.
Allied to *H. abducalis*.

2922. Hypena vecordialis.

Hypena vecordialis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 10.

Collection Swinhoe, Bombay.

Genus **Bomolocha.**

2923. Bomolocha vestita.

Bomolocha vestita, Moore, Lep. Ceyl. iii, p. 221, pl. 176, fig. 10, (1885).
Hypena rhombalis, Walker (*nec* Guén.), Cat. Lep. Het. B. M., xvi, p. 56, (1858).

Ceylon.

Genus **Nolasena.**

2924. Nolasena ferrifervens.

Nolasena ferrifervens, Walker, Cat. Lep. Het. B. M., xii, p. 982, (1857).
——————— Moore, Lep. Ceyl. iii, p. 230, pl. 177, fig. 9, (1885)

Ceylon.

Genus **Marapana.**

2925. MARAPANA INCONGRUALIS.

Hypena incongrualis, Walker, Cat. Lep. Het. B. M., xvi, p. 232, (1858).
Marapana incongrualis, Moore, Lep. Ceyl. iii, p. 228, pl. 177, fig. 5, (1885).

Ceylon.

2926. MARAPANA RARALIS.

Hypena raralis, Walker, Cat. Lep. Het. B. M., xvi, p. 65, (1858).
Marapana raralis, Moore, Lep. Ceyl. iii, p. 227, (1885).

Ceylon.

Genus **Ophiuche.**

2927. OPHIUCHE CONSCITALIS.

Hypena conscita Walker, Cat. Lep. Het. B. M., xxxiv, p. 1509, (1865).
————*lis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
Ophiuche conscitalis, Moore, Lep. Ceyl. iii, p. 228, pl. 175, fig. 4, (1885).
Hypena perna, Felder & R. Reise, Novara Lep., pl. 120, fig. 8, (1873).

Bengal, Cherrapunji, Ceylon.

2928. OPHIUCHE MISTACALIS.

Herminia mistacalis, Guén., Delt. et Pyral., pp. 60, 69, (1854).*
———— Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).
Hypena pactolis, Walker, *loc. cit.*, xvi, p. 64, (1858).
Ophiuche mistacalis, Moore, Lep. Ceyl. iii, p. 229, pl. 175, fig. 6, (1885).

India, Ceylon.

2929. OPHIUCHE OBACERALIS.

Hypena obaceralis, Walker, Cat. Lep. Het. B. M., xvi, p. 53, (1858).
Hypena obliqualis, Kollar, Hüg. Kasch. iv, p. 491, (1848).
Ophiuche obaceralis, Moore, Lep. Ceyl. iii, p. 229, pl. 175, fig. 5, (1885).
Hypena obaceralis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Ceylon and South Africa.

FAMILY HERMINIIDÆ.

Genus **Bleptina.**

2930. BLEPTINA MOROSA.

Bleptina morosa, Butler, Ill. Typ. Lep. Het. iii, p. 64, pl. 56, fig. 15, (1879).
———— Proc. Zool. Soc. Lond. 1883, p. 166.

Collection Swinhoe, Solun.

Genus **Corgatha.**

2931. CORGATHA MINORALIS.

Bleptina minoralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1164, (1865).
Corgatha minoralis, Moore, Lep. Ceyl. iii, p. 241, (1885).

Ceylon.
Allied to *C. omariusalis*.

2932. CORGATHA OMARIUSALIS.

Bleptina omariusalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 871, (1865).
Corgatha omariusalis, Moore, Lep. Ceyl. iii, p. 242, pl. 177, fig. 7, (1885).

Ceylon.

2933. CORGATHA RENALIS.

Corgatha renalis, Moore, Lep. Ceyl. iii, p. 242, pl. 177, fig. 3, (1885).

Ceylon.

2934. CORGATHA ZONALIS.

Corgatha zonalis, Walker, Cat. Lep. Het. B. M, xvi, p. 216, (1858).
———— Moore, Lep. Ceyl. iii, p. 241, (1885).

Ceylon.

Genus **Chusaris.**

2935. CHUSARIS PUNCTILINEALIS.

Chusaris (?) *punctilinealis*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1175, (1865).
———— Moore, Lep. Ceyl. iii, p. 252, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 476.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

2936. CHUSARIS RETATALIS.

Chusaris retatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 215, (1858).
———— Moore, Lep. Ceyl. iii, p. 252, (1885).
Bleptina spurcatalis, Walker, *loc. cit.* xxxiv, p. 1163, (1865).

Ceylon.

Genus **Luceria.**

2937. LUCERIA NOVATUSALIS.

Luceria novatusalis, Walker, Cat. Lep. Het. B. M., xix, p. 854, (1859).
———— Moore, Lep. Ceyl. iii, p. 252, (1885).

Ceylon.

Genus **Ilyrgis.**

2938. ILYRGIS ECHEPHUREALIS.

Ilyrgis echephurealis, Walker, Cat. Lep. Het. B. M., xix, p. 880, (1859).
———— Moore, Lep. Ceyl. iii, p. 243, (1885).

Ceylon.

Genus **Adrapsa.**

2939. ADRAPSA ABLUALIS.

Adrapsa ablualis, Walker, Cat. Lep. Het. B. M., xvi, p. 170, and p. 246, (1858).
———— Moore, Lep. Ceyl. iii, p. 245, (1885).

India, Ceylon.

Genus **Imma.**

2940. IMMA RUGOSALIS.

Imma rugosalis, Walker, Cat. Lep. Het. B. M., xvi, p. 195, (1858).
Imma bugosalis (sic), Moore, Lep. Ceyl. iii, p. 246, (1885).
Pingrasa accuralis, Walker, *loc. cit.*, p. 227, ♀, (1858).

Ceylon.

Genus **Dragana.**

2941. DRAGANA PANSALIS.

Dragana pansalis, Walker, Cat. Lep. Het. B. M., xvi, p. 200, (1858).
———— Moore, Lep. Ceyl. iii, p. 251, (1885).
Apphadana evulsalis, Walker, *loc. cit.*, xxxiv, p. 1213, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 613.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.
Poaphila concors, Walker, *loc. cit.*, xxxv, p. 1969, (1866).

I. M., Andaman Islands (purchased), Mergui (Anderson).
Collection Swinhoe, Bombay, Travancore, and Poona.
Also recorded from Ceylon.

Genus **Lamida.**

2942. LAMIDA MONCUSALIS.

Lamida moncusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 252, (1858).

Collection Swinhoe, Solun.

Genus **Apphadana.**

2943. APPHADANA FESTINA.

Apphadana festina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 3.

I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Bombay, Nilgiri Hills.

2944. APPHADANA MISERA.

Aphandala (sic) *misera*, Butler, Proc. Zool. Soc. Lond. 1883, p. 166.
Apphadana misera, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453.

Collection Swinhoe, Mhow, Assirgarh.

2945. APPHADANA NIGROFUSCA.

Apphadana nigrofusca, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 4.

Collection Swinhoe, Poona.

2946. APPHADANA RUBICUNDULA.

Apphadana rubicundula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 2.

Collection Swinhoe, Bombay.

2947. APPHADANA RUSTICULA.

Apphadana rusticula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474, pl. 28, fig. 1.

Collection Swinhoe, Poona.

Genus **Gabala.**

2948. GABALA POLYSPILALIS.

Gabala polyspilalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1221, (1865).

Collection Swinhoe, Bombay, Khandalla, Purundhur, Nilgiri Hills.

Genus **Orosa.**

2949. OROSA TORTRICOIDES.

Orosa tortricoides, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1223, (1865).
——————— Moore, Lep. Ceyl. iii, p. 250, (1885).

Ceylon.

Genus **Herminia.**

2950. HERMINIA ALBIRENALIS.

Herminia albirenalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

Sikkim.

2951. HERMINIA (?) APIDANUSALIS.

Herminia (?) *apidanusalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 240, (1858).

North India.

2952. HERMINIA DIFFUSALIS.

Herminia diffusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 239, (1858).
——————— Moore, Lep. Ceyl. iii, p. 231, (1885).

Ceylon.

2953. HERMINIA DUPLEXA.

Herminia duplexa, Moore, Descr. Ind. Lep. Atk. ii, p. 193, pl. 6, fig. 18, (1882).

Sikkim.

2954. Herminia hadenalis.

Herminia hadenalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

I. M., Sibsagar (Peal).
Collection Swinhoe, Sikkim.

2955. Herminia (?) limbosalis.

Herminia (?) *limbosalis*, Guén., Delt. et Pyral., 59, 67, (1854).
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).

India.

2956. Herminia lineosa.

Herminia lineosa, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882).

Sikkim.

2957. Herminia ochracealis.

Herminia ochracealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

Sikkim.

2958. Herminia orthosiana.

Herminia orthosiana, Swinhoe, Proc. Zool. Soc. Lond. 1885, pl. 473, p. 28, fig. 15.

Collection Swinhoe, Bombay.

2959. Herminia restricta.

Herminia restricta, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).

Collection Swinhoe, Sikkim.
Allied to *H. hadenalis*.

2960. Herminia striga.

Thalpochares striga, Felder & R. Reise, Novara Lep., pl. 109, fig. 29, (1872).

I. M., Kulu (purchased).
Collection Swinhoe, Solun, Kulu.

2961. Herminia timonalis.

Herminia timonalis, Walker, Cat. Lep. Het. B. M., xvi, p. 239, (1858).
——————— Moore, Lep. Ceyl. iii, p. 231, (1885).

Ceylon.

2962. Herminia velifera.

Herminia velifera, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 473, pl. 28, fig. 17.

Poona.

2963. HERMINIA VIALIS.

Herminia vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).

Cherrapunji.
Allied to *H. hadenalis*.

Genus **Mastygophora.**

2964. MASTYGOPHORA SCOPIGERALIS.

(♀) *Mastygophora scopigeralis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 86.

I. M., Sibsagar (Peal).
Collection Swinhoe, Sikkim.

Genus **Echana.**

2965. ECHANA ABAVALIS.

Echana abavalis, Walker, Cat. Lep. Het. B. M., xvi, p. 196, (1858).
———— Moore, Lep. Ceyl. iii, p. 241, pl. 177, fig. 10, (1885).

Collection Swinhoe, Khandalla.
Also recorded from Ceylon and Borneo.

2966. ECHANA PLICALIS.

Echana plicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 86, pl. 7, fig. 7.

Collection Swinhoe, Sikkim.

Genus **Bibacta.**

2967. BIBACTA TRUNCATA.

Bibacta truncata, Moore, Descr. Ind. Lep. Atk. ii, p. 198, pl. 6, fig. 25, (1882).

India.

Genus **Madopa.**

2968. MADOPA QUADRILINEATA.

Madopa quadrilineata, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882).

Collection Swinhoe, Sikkim.

Genus **Zanclognatha.**

2969. ZANCLOGNATHA ERECTA.

Zanclognatha erecta, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882).

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Sikkim.
Allied to *Z.* (*Paracolax*) *tarsiplumalis*, Hübn; and *Z.* (*Herminia*) *grisealis*, Treit., both of Europe.

2970. ZANCLOGNATHA UNDULATA.

Zanclognatha undulata, Moore, Descr. Ind. Lep. Atk. ii, p. 193 (1882).

Allied to *Z. erecta*.

Genus **Hydrillodes.**

2971. HYDRILLODES GRAVATALIS.

Bocana gravatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 175, (1858).'
Echana tennenti, Felder & R. Reise, Novara Lep., pl. 120, fig. 1, (1873).
Hydrillodes gravatalis, Moore, Lep. Ceyl. iii, p. 238, pl. 177, fig. 12, (1885).

Ceylon.

2972. HYDRILLODES LENTALIS.

Hydrillodes lentalis, Guén., Delt. et Pyral., p. 66, pl. 5, fig. 3, (1854).*
——————Walker, Cat. Lep. Het. B. M., xvi, p. 118, (1858).
——————Moore, Lep. Ceyl. iii, p. 237, pl. 177, fig. 11, (1885).
Catada (?) *captiosalis*, Walker, *loc. cit.* xvi, p. 210, (1858).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Poona, Khandalla, Bombay, Ceylon.

2973. HYDRILLODES SUBBASALIS.

Hydrillodes subbasalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613, pl. 60, fig. 8.

I. M., Andaman Islands (purchased).

2974. HYDRILLODES TRANSVERSALIS.

Hydrillodes transversalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

I. M., Andaman Islands (purchased).

Genus **Bertula.**

2975. BERTULA ABJUDICALIS.

Bertula abjudicalis, Walker, Cat. Lep. Het. B. M., xvi, p. 163, (1858).
——————— Moore, Lep. Ceyl. iii, p. 239, (1885).
Bocana tumidalis, Walker, *loc. cit.* xvi, p. 176, (1858).

Collection Swinhoe, Ceylon.

2976. BERTULA BREVIVITTALIS.

Bertula brevivittalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Bengal.

2977. BERTULA CHALYBEALIS.

Bertula chalybealis, Moore, Proc. Zool. Soc., Lond. 1867, p. 87, pl. 7, fig. 8.

I. M., Sikkim.

2978. BERTULA CONTINGENS.

Bertula contingens, Walker, Cat. Lep. Het. B. M., xvi, p. 245, (1858).
——————Moore, Lep. Ceyl. iii, p. 240, (1885).

Ceylon.

2979. Bertula hisbonalis.

Bertula hisbonalis, Walker, Cat. Lep. Het. B. M., xvi, p. 161, (1858).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Sylhet.

2980. Bertula imparatalis.

Bertula imparatalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1168, (1865).

India.

2981. Bertula placida.

Bertula placida, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Sikkim.
Allied to *B. chalybealis*.

2982. Bertula stigmatalis.

Bertula stigmatalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Bengal.

2983. Bertula thyrisalis.

Bertula thyrisalis, Walker, Cat. Lep. Het. B. M., xvi, p. 167, (1858) & xix, p. 886, (1859).

Ceylon, Australia.

2984. Bertula vialis.

Bertula vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Sikkim.

Genus **Nodaria.**

2985. Nodaria cingala.

Nodaria cingala, Moore, Lep. Ceyl. iii, p. 233, (1885).

Ceylon.

2986. Nodaria externalis.

Nodaria externalis, Guén., Delt. et Pyral., pp. 64, 78, (1854).*
———————— Walker, Cat. Lep. Het. B. M., xvi, p. 118, (1858).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474, and 1886, p. 433.

I. M., Bombay and Poona (Swinhoe), Kulu (purchased).
Collection Swinhoe, Poona, Bombay, Mhow, Travancore, Nilgiri Hills.

Genus **Catada.**

2987. Catada renalis.

Bocana renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Cherrapunji, Khasi Hills.
Allied to *C. vagalis*.

2988. Catada vagalis.

Bocana vagalis, Walker, Cat. Lep. Het. B. M., xvi, p. 172, (1858).
Catada glomeralis, Walker, *loc. cit.* xvi, p. 210, (1858).
Catada vagalis, Moore, Lep. Ceyl. iii, p. 246, (1885).

Collection Swinhoe, Travancore.
Also recorded from Ceylon and Borneo.

Genus **Hipoepa.**

2989. Hipoepa fractalis.

Herminia fractalis, Guén., Delt. et Pyral., p. 60, (1854).
———————— Walker, Cat. Lep. Het. B. M., xvi, p. 114, (1858).
Bertula raptatalis, Walker, *loc. cit.*, xvi, p. 164, (1858).
Hypoepa (sic) *fractalis*, Moore, Lep. Ceyl. iii, p. 235, (1885).
Hipoepa raptatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

Collection Swinhoe, Poona.
Also recorded from Ceylon.

2990. Hipoepa lapsalis.

Hipoepa lapsalis, Walker, Cat. Lep. Het. B. M., xvi, p. 188, (1858).
———————— Moore, Lep. Ceyl. iii, p. 235, pl. 177, fig. 6, (1885).

Ceylon.

Genus **Hadennia.**

2991. Hadennia albinotalis.

Bertula albinotalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

Andaman Islands.
Allied to *H. mysalis* and *H. hypenalis*.

2992. Hadennia hypenalis.

Bocana hypenalis, Walker, Cat. Lep. Het. B. M., xvi, p. 174, (1858).
Hadennia hypenalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2993. Hadennia jutalis.

Bocana jutalis, Walker, Cat. Lep. Het. B. M., xvi, p. 172, (1858).
Hadennia jutalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2994. Hadennia mysalis.

Bertula mysalis, Walker, Cat. Lep. Het. B. M., xix, p. 886, (1859).
Hadennia mysalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2995. Hadennia prunosa.

Hadennia prunosa, Moore, Lep. Ceyl. iii, p. 237, pl. 177, fig. 8, (1885).

Ceylon.

Genus **Bocana**.

2996. BOCANA BASALIS.

Bocana basalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.

Bengal.

2997. BOCANA DETERMINATA.

Bithiasa determinata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1116, (1865).
Diomea repulsa, Walker, *loc. cit.* xxxiii, p. 899, (1865).
Bocana determinata, Moore, Lep. Ceyl. iii, p. 244, (1885).

Ceylon.

2998. BOCANA (?) ERUBESCENS.

Bocana (?) *erubescens*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1170, (1865).

South India.

2999. BOCANA GEOMETROIDES.

Lusia geometroides, Walker, Cat. Lep. Het. B. M., xiii, p. 1113, (1857).
Bocana geometroides, Moore, Lep. Ceyl. iii, p. 244, (1885).

Ceylon.

3000. BOCANA MANIFESTALIS.

Bocana manifestalis, Walker, Cat. Lep. Het. B. M., xvi, p. 171, ♀, (1858).
———————— Moore, Lep. Ceyl. iii, p. 243, (1885).
Lamura oberratalis, Walker, *loc. cit.* xvi, p. 189, ♂ (1858).

Ceylon.

3001. BOCANA MARGINATA.

Bocana marginata, Moore, Descr. Ind. Lep. Atk. ii, p. 195, pl. 6, fig. 19, (1882).

Sikkim.
Allied to *B. schaldusalis*, Walker, of Borneo.

3002. BOCANA MURINALIS.

Bocana murinalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 89.

Bengal.

3003. BOCANA PICTA.

Bocana picta, Moore, Descr. Ind. Lep. Atk. ii, p. 195, pl. 6, fig. 21, (1882).

Khasi Hills.

3004. BOCANA QUADRILINEALIS.

Bocana quadrilinealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.

I. M., Sikkim, Sibsagar.

3005. Bocana subapicalis.

Bocana subapicalis, Moore, Lep. Ceyl. iii, p.244, (1885).
Ceylon.

3006. Bocana viridalis.

Bocana viridalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.
I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Bengal.

Genus **Pantura.**

3007. Pantura ophiusalis.

Bocana ophiusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 173, (1858).
Pantura ophiusalis, Moore, Lep. Ceyl. iii, p. 247, pl. 177, fig. 4, (1885).
Ceylon.

Genus **Byturna.**

3008. Byturna cucullata.

Byturna cucullata, Moore, Lep. Ceyl. iii, p. 254, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 476.
Collection Swinhoe, Poona, Bombay.
Also recorded from Ceylon.

3009. Byturna digramma.

Bocana digramma, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1170, (1865).
Byturna digramma, Moore, Proc. Zool. Soc. Lond. 1883, p. 29.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522.
———— Moore, Lep. Ceyl. iii, p. 254, (1885).
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Mhow, Assirgarh.
Also recorded from Ceylon.

Genus **Avitta.**

3010. Avitta cervina.

Briarda cervina, Walker, Cat. Lep. Het. B. M., xxxv, p. 1968, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Collection Swinhoe, Sikkim, Khandalla.

3011. Avitta fasciosa.

Avitta fasciosa, Moore, Lep. Atk. ii, p. 194, pl. 6, fig. 26, (1882).
Khasi Hills.

3012. Avitta rufifrons.

Avitta rufifrons, Moore, Lep. Ceyl. iii, p. 554, pl. 215, fig. 2, (1887).
Ceylon.

3013. AVITTA SUBSIGNANS.

Avitta subsignans, Walker, Cat. Lep. Het. B. M., xv, p. 1675, (1858).

I. M., Andaman Islands.
Collection Swinhoe, Andaman Islands, Bombay, Nilgiri Hills.
Also recorded from Kanara.

Genus **Labanda.**

3014. LABANDA ACHINE.

Bocana achine, Felder & R. Reise, Novara iv, pl. 120, fig. 18, (1873).
Labanda achine, Moore, Lep. Ceyl. iii, p. 249, (1885).

Ceylon.

3015. LABANDA CHLOROMELLA.

Diomea chloromella, Walker, Cat. Lep. Het. B. M., xv, p. 1804, (1858).
Labanda herbealis, Walker, *loc. cit.* xvii, p. 284, (1859).
Plotheia chloromella, Moore, Lep. Ceyl. iii, p. 111, (1885).
Labanda chloromella, Moore, *loc. cit.*, p. 249, (1885).

Ceylon.

3016. LABANDA MUSCOSA.

Diomea muscosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 898, (1865).
Labanda saturalis, Walker, *loc. cit.* xxxiv, p. 1251, (♂ only), (1865).
Labanda muscosa, Moore, Lep. Ceyl. iii, p. 248, (1885).

India, Ceylon.

3017. LABANDA SATURALIS.

Labanda saturalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1251, (1865), (only).

India.

3018. LABANDA SEMIPARS.

Bryophila semipars, Walker, Cat. Lep. Het. B. M., xv, p. 1647, (1858).
———— Moore, Lep. Ceyl. iii, p. 3, (1884).
Bocana (?) *pamphosalis*, Walker, *loc. cit.* xix, p. 887, (1859).
Gerbatha laticincta, Walker, *loc. cit.* xxxiii, p. 913, (1865).
Labanda semipars, Moore, Lep. Ceyl. iii, p. 248, (1885).
Labanda pamphosalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474; and 1886, p. 453.

I. M., Poona (Swinhoe).
Collection Swinhoe, Mhow, Travancore, Khandalla, Poona, Sikkim.
Also recorded from Ceylon.

Genus **Cephena.**

3019. CEPHENA COSTATA.

Cephena costata, Moore, Descr. Ind. Lep. Atk. ii, p. 196, pl. 6, fig. 17, (1882).

Collection Swinhoe, Khasi Hills, Sikkim.

Genus **Asthala.**

3020. ASTHALA SILENUSALIS.

Bocana silenusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 179, (1858.)
Asthala silenusalis, Moore, Descr. Ind. Lep. Atk. ii, p. 197, pl. 6, fig. 22, (1882).

Khasi Hills, Cherrapunji, Borneo.

Genus **Aginna.**

3021. AGINNA ROBUSTALIS.

Herminia robustalis, Guén., Delt. et Pyral., pp. 58, 66, (1854).
——————— Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).
Bocana turpatalis, Walker, *loc. cit.* xvi, p. 174, (1858).
Aginna turpatalis, Swinhoe, Trans. Ent. Soc. Lond. 1884, p. 353.
Aginna circumscripta, Swinhoe (*nec* Walker), Proc. Zool. Soc. Lond. 1885, p. 474.
Aginna robustalis, Moore, Lep. Ceyl. iii, p. 234, pl. 177, figs. 1, 1a, (1885).

I. M., Poona, Bombay (Swinhoe).
Collection Swinhoe, Quetta, Sikkim, Mandi, Jacobabad (Sind), Poona, Bombay, Ceylon.

3022. AGINNA SIMILIS.

Aginna similis, Moore, Descr. Ind. Lep. Atk. ii, p. 195, (1882).

Sikkim.
Allied to *A. robustalis*.

3023. AGINNA SIMULATA.

Aginna simulata, Moore, Descr. Ind. Lep. Atk. ii, p. 195, (1882).

Bombay, Calcutta.
Allied to *A. robustalis*.

Genus **Bematha.**

3024. BEMATHA EXTENSA.

Bematha extensa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1095, (1865).

North India.

Genus **Rivula.**

3025. RIVULA BIOCULALIS.

Rivula bioculalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.
——————— Lep. Ceyl. iii, p. 253, (1885).

Ceylon, Andaman Islands.

3026. RIVULA FLAVONIGRA.

Rivula flavonigra, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 47, fig. 15.

I. M., Sind (Karachi Museum).
Collection Swinhoe, Karachi, Kotree, Hydrabad, Bombay.

3027. Rivula oculalis.

Rivula oculalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.
Andaman Islands.

3028. Rivula pallida.

Rivula pallida, Moore, Descr. Ind. Lep. Atk. ii, p. 197, (1882).
Calcutta.
Allied to *R. bioculalis*.

3029. Rivula sericialis.

Pyralis sericialis, Denis, Wien. Verz. 122, 18, (1775)*.
———————— Fabr., Mant. Ins. ii, 218. 283, (1787).
———————— Ent. Syst. iii, 2, p. 226, No. 364, (1794).
———————— Gmel., Ed. Syst. Nat. i, 5, 2521, 925*.
———————— Hübn., Pyral., pl. 7, fig. 56*.
———————— Haw., Lep. Brit. 381*.
———————— Treit., Schmett, 125*.
Pyralis lecana, (?) Fabr., Ent. Syst. iii, 2, 242, 2, (1794).
———————— Donov., Brit. Ins. x, 87, pl. 357, fig. 1*.
———————— Treit., Syst. Nat. iii, 342*.
Metaxmeste sericealis, Hübn., Verz. Bek. Schmet. 352, 3364, (1816).
Margaritia sericealis, Steph., Ill. Brit. Haust iv, 58, 27*.
Rivula limbata, Herr Schäff., Eur. Schmett, vi, 447, 5*.
Rivula sericealis, Dup., Lep. 445, pl. 219*.
———————— Guén., Delt. et. Pyral. 48, 53*.
———————— Walker, Cat. Lep. Het. B. M., xvi, p. 92, (1858).
———————— Butler, Proc. Zool. Soc. Lond. 1881, p. 620.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522.
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Hydrabad.
Also recorded from Europe.

Genus **Cyclopteryx.**

3030. Cyclopteryx canaliferalis.

Cyclopteryx canaliferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.
Andaman Islands.

Genus **Myana.**

3031. Myana atromacula.

Myana atromacula, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 5.
Collection Swinhoe, Karachi.

3032. Myana sopora.

Myana sopora, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 48, fig. 4.
Collection Swinhoe, Karachi, Hydrabad (Sind).

Genus **Pasira.**

3033. PASIRA ÆNIGMATICA.

Pasira ænigmatica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 11.

I. M. A specimen with no history.
Collection Swinhoe, Poona, Bombay.

3034. PASIRA BIATOMEA.

Pasira biatomea, Moore, Proc. Zool. Soc. Lond. 1883, p. 29.
——————— Lep. Ceyl. iii, (1885).

Ceylon.

3035. PASIRA INSCITIA.

Pasira inscitia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 473.
Collection Swinhoe, Bombay.

3036. PASIRA OCHRACEA.

Pasira ochracea, Moore, Descr. Ind. Lep. Atk. ii, p. 197, (1882).
Calcutta.

3037. PASIRA RENALIS.

Pasira renalis, Moore, Lep. Ceyl. iii, p. 250, (1885).
Ceylon.

3038. PASIRA RUSSA.

Pasira russa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 13.
I. M. Bombay (Swinhoe).
Collection Swinhoe, Poona, Bombay.

Genus **Æthia.**

3039. ÆTHIA ALBICOSTA.

Æthia albicosta, Moore, Lep. Ceyl. iii, p. 232, (1885).
Ceylon.

Genus **Nabartha.**

3040. NABARTHA MARGINATA.

Nabartha marginata, Moore, Lep. Ceyl. iii, p. 234, pl. 177, fig. 2, (1885).
Ceylon.

Genus **Helia.**

3041. HELIA FIGURATA.

Helia figurata, Moore, Lep. Ceyl. iii, p. 239, (1885).
Ceylon.

3042. HELIA LUNIFERA.

Helia lunifera, Moore, Lep. Ceyl. iii, p. 238, (1885).

Ceylon.

Genus **Spadix.**

3043. SPADIX VEGETUS.

Spadix vegetus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 175, pl. 28, fig. 14; and 1886, p. 453.

I. M., Mhow (Swinhoe).
Collection Swinhoe, Bombay, Mhow.

Genus **Asta.**

3044. ASTA QUADRILINEA.

Asta quadrilinea, Walker, Journ. Linn. Soc. Lond. vii, p. 171, (1864).
————————Cat. Lep. Het. B. M., xxxiii, p. 901, (1865).

Collection Swinhoe, Bombay.
Also recorded from Borneo.

Government of India Central Printing Office.—Nos. 24 & 25 I. M.—16-7-68.—100.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

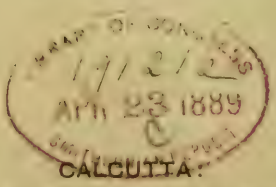
E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.

Part IV.—GEOMETRITES.



CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1888.

Presented

by

The Trustees

of

The Indian Museum.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

Part IV.—GEOMETRITES.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1888.

Group GEOMETRITES.

Family URANIIDÆ.

Genus **Nyctalemon.**

3045. Nyctalemon najabula.

Nyctalemon najabula, Moore, Proc. Zool. Soc. Lond. 1877, p. 620.
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 169.
Lyssidia najabula, Westw., Trans. Zool. Soc. Lond. 1879, p. 526.

I. M., Andaman Islands.
Collection Swinhoe, Andaman Islands.

3046. Nyctalemon patroclus.

Papilio (*Eq. achiv.*) *patroclus*, Linn., Mus. Lud. Ulr., 204, (1764).*
——————— Syst. Nat. ii, p. 749, No. 24, (1767).
——————— Clerk, Icon., pl. 37, fig. 1, (1759).*
——————— Fabr., Sp. Ins. ii, p. 13, No. 53, (1781).
——————— Mant. Ins. ii, p. 7, No. 59, (1787).
——————— D'Aubent, Miscell., pl. 17, figs. 1, 2.*
——————— Oliv., Enc. Méth. Ins. Pap., pl. 8, fig. 1.*
——————— Cram., Pap. Exot. iii, pl. 198, fig. A, (1779), pl. 109, figs. A, B, (1777).
——————— Herbst., Pap., pl. 54, figs. 2, 3, pl. 55, fig. 1.
——————— Gmel., Ed. Syst. Nat. 1, 5, 2236, 24.*
Noctua patroclus, Fabr., Ent. Syst. iii, 2, p. 8, No. 2, (1794).
Urania patroclus, Latr. et God., Enc. Méth. ix, 710, 5.*
——————— Lam., Nat. Hist. Anim. Invert. iv, 194.*
——————— Boisd., Voy. de l'Astrolabe, Pt. 1, Lep., p. 254, No. 2, (1832).
Lyssa achillaria, Hübn., Verz. Schmett, p. 289, 2808, (1816).
——————— Lares, Heroicæ, Larundæ, Lyssæ, 2808, 2809.*
Lyssa patroclaria, Hubn., Verz. Schmett, p. 289, No. 2809, (1816).
Nyctalemon patroclus, Westw., Ed. Drury, 1, p. 13, pl. 7, fig. 1, pl. 8, fig. 1, (1837).*
——————— Lucas, Bull. Soc. Ent. Fr. (5), x, p. 53, (1880).
——————— Walker, Cat. Lep. Het. B. M. i, p. 8, (1854).
Lyssidia patroclus, Westw., Trans. Zool. Soc. Lond. 1879, p. 526.

I. M., Sylhet.
Collection Swinhoe, Sylhet.
Also recorded from Java, the Moluccas, and China.

3047. Nyctalemon zampa.

Nyctalemon zampa, Butler, Ent. Mo. Mag. v, p. 273, (1868-69).
——————— Moore, Journ. As. Soc. Beng., pt. ii, No. 3, p. 234, (1884).
Papilio patroclus, Drury (*nec* Linn.), Ins. i, pls. 7-8, fig. 1, (1770).

I. M., Sylhet.
Collection Swinhoe, Assam.

Family EROSIIDÆ.

Genus Orudiza.

3048. Orudiza protheclaria.

Orudiza protheclaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 858, (1861).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Kanara.
Also recorded from North India.

Genus Dirades.

3049. Dirades adjutaria.

Doana adjutaria, Walck., Cat. Ceyl. Ins.*
Erosia adjutaria, Walker, Cat. Lep. Het., B. M. xxiii, p. 849, (1861).
Dirades adjutaria, Moore, Lep. Ceyl. iii, p. 400, pl. 186, fig. 9, (1887).
Erosia theclata, Guén., Phal. ii, p. 36, (1857).*
———— Walker, *loc. cit.* xxiii, p. 846.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 171.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863.
Erosia verticaria, Felder & R. Reise, Novara, pl. 128, fig. 7, (1874).

I. M., Khandalla.
Collection Swinhoe, Solun, Karachi, Poona, Khandalla.
Also recorded from Ceylon.

3050. Dirades bidens.

Erosia bidens, Felder & R. Reise, Nov., pl. 128, fig. 38, ♀, (1874).

Bengal.

3051. Dirades binotata.

Dirades binotata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1650, (1866).
———— Moore, Lep. Ceyl. iii, p. 399, pl. 186, fig. 7, ♀, (1887).

Collection Swinhoe, Solun.
Also recorded from Ceylon.

3052. Dirades cervinaria.

Erosia cervinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Bengal.

3053. Dirades conchiferata.

Dirades conchiferata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, fig. 11, (1887).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

3054. Dirades conifera.

Dirades conifera, Moore, Lep. Ceyl. iii, p. 399, pl. 186, fig. 8, (1887).

Ceylon.

3055. Dirades ferrugata.

Dirades ferrugata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1651, (1866).
——————— Moore, Lep. Ceyl. iii, p. 404, (1887).

Ceylon.

3056. Dirades (?) figuraria.

Erosa (?) *figuraria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 850, (1861).
Dirades figuraria, Moore, Lep. Ceyl. iii, p. 404, (1887).

Ceylon.

3057. Dirades himala.

Erosia himala, Butler, Ann. Nat. Hist. (5), vi, 1880, p. 221.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 47, pl. 112, fig. 9, (1886).

Collection Swinhoe, Khasi Hills, Darjiling.

3058. Dirades hyperbolica.

Erosia hyperbolica, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528, pl. 48, fig. 15.

I. M., Sibsaghar (Peal), Sikkim, Andaman Islands (De Roepstorff).

Collection Swinhoe, Karachi.

3059. Dirades irrorata.

Dirades irrorata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, fig. 10, (1887).

Ceylon.

3060. Dirades latifasciata.

Dirades latifasciata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, figs. 12, 12*a*, *b*, (1887).

Ceylon.

3061. Dirades lilacina.

Dirades lilacina, Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 4, (1887).

Ceylon.

3062. Dirades multistrigaria.

Dirades multistrigaria, Moore, Descr. Ind. Lep. Atk., p. 260, (1887).

Darjiling.

3063. Dirades obscuraria.

Dirades obscuraria, Moore, Lep. Ceyl. iii, p. 400, pl. 186, fig. 6, (1887).

Ceylon.

3064. Dirades palaca.

Erosa palaca, Walker, Cat. Lep. Het. B. M. xxiii, p. 849, (1861).
Dirades palaca, Moore, Lep. Ceyl. iii, p. 401, pl. 186, fig. 2, (1887).

Ceylon.

3065. Dirades parvula.

Dirades parvula, Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 5, (1887).

Ceylon.

3066. Dirades prunaria.

Dirades prunaria, Moore, Lep. Ceyl. iii, p. 400, (1887).

Ceylon.

3067. Dirades quadricaudata.

Erosia quadricaudata, Walker, Cat. Lep. Het. B. M., xxiii, p. 847, (1861).
——————— Moore, Lep. Ceyl. iii, p. 401, pl. 186, figs. 1, 1*a*, (1887).
Erosia varisaria, Walker, *loc. cit.*, xxiii, p. 848, (1861), and xxvi, p. 1757, (1862).

Collection Swinhoe, Sibsaghar, Andaman Islands.
Also recorded from Canara and Ceylon.

3068. Dirades reticulata.

Dirades reticulata, Moore, Descr. Ind. Lep. Atk., p. 259, (1887).

Darjiling.

3069. Dirades rhagavata.

Erosia rhagavata, Walker, Cat. Lep. Het. B. M., xxiii, p. 848, (1861).
——————— Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 3, (1887).

Ceylon.

3070. Dirades ruptaria.

Dirades ruptaria, Moore, Descr. Ind. Lep. Atk., p. 259, (1887).

Calcutta.

Genus **Hastina.**

3071. Hastina cœruleolineata.

Hastina cœruleolineata, Moore, Descr. Ind. Lep. Atk., p. 260, (1887).

Darjiling.

Genus **Gathyna.**

3072. Gathyna miraria.

Gathyna miraria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1639, (1862).
——————— Moore, Lep. Ceyl. iii, p. 398, pl. 187, fig. 4, (1887).

Collection Swinhoe, Pangi, Bombay, Nilgiri Hills.
Also recorded from Ceylon.

Family EUSCHEMIDÆ.

Genus **Euschema.**

3073. Euschema abrupta.

Euschema abrupta, Walker, Trans. Ent. Soc. Lond., 3rd Ser. i, 70, (1862-64).
———————— Cat. Lep. Het. B. M., xxxi, p. 172, (1864).

Assam.

3074. Euschema andamana.

Euschema andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 599.
———————— Waterhouse, Aid, i, pl. xi, (1880-82).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.

3075. Euschema andersoni.

Euschema andersoni, Moore, Journ. Linn. Soc. Lond. Zool. xxi, p. 56,(1886).

Mergui.

3076. Euschema aurilimbata.

Euschema aurilimbata, Moore, Proc. Zool. Soc. Lond., 1878, p. 846.

I. M., Mergui (Anderson).
Also recorded from Tenasserim.

3077. Euschema bellissima.

Euschema bellissima, Moore, Proc. Zool. Soc. Lond. 1879, p. 414
———————— Lep. Ceyl. iii, p. 423, pl. 189, figs. 1, 1 *a*, *b*, ♀, (1887).

Ceylon.
Allied to *E. subrepleta* (Walker), from Borneo.

3078. Euschema bellona.

Euschema bellona, Walker, Cat. Lep. Het. B. M., ii, p. 405, (1854).

I. M., Mergui (Anderson).
Collection Swinhoe, Burma.

3079. Euschema discalis.

Euschema discalis, Walker, Cat. Lep. Het. B. M., ii, p. 407, (1854).
———————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 333, (1859).

India, Penang.

3080. Euschema excubitor.

Euschema excubitor, Moore, Proc. Zool. Soc. Lond. 1878, p. 846.
———————— Butler, Ann. Nat. H. (5) xvi, p. 347, (1885).

Assam, Tenasserim.

3081. Euschema horsfieldi.

Euschema horsfieldi, Moore, Cat. Lep. Mus. E. I. C. ii, p. 334, pl. 8*a*, fig. 7, (1859).
———————— Proc. Zool. Soc. Lond. 1878, p. 846.
———————— Journ. As. Soc. Beng., vol. 55, pt. ii, (1886), p. 100.

I. M., Tavoy (Moti Ram).
Also recorded from Tenasserim.

3082. Euschema lunulata.

Euschema lunulata, Butler, Ann. Nat. Hist., (5), xx, p. 375, (1882).
———————— Moore, Journ. As. Soc. Beng. vol. 55, pt. 2, No. 1, (1868), p. 100.

I. M., Nicobar Islands (De Niceville, also purchased), Tavoy (Moti Ram).
Also recorded from Tenasserim.

3083. Euschema malayana.

Hazis malayanus, Guér., Delessert, Hist. Nat., p. 89, pl. 23, fig. 2, (1843).*
Euschema malayanus, Walker, Cat. Lep. Het. B. M., ii, p. 407, (1854).
Euschema malayana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Kanara, Khandalla, Matheran.
Also recorded from Malay and Borneo.

3084. Euschema militaris.

Phalæna militaris, Linn., Mus Lud. Ulr. 375, (1764).
———————— Syst. Nat. Edit. xii, ii, p. 811, No. 12, (1767).
———————— Roës., Ins. iv., pl. 6, fig. 3.*
———————— Gmel., Ed., Syst. Nat., i, 5, 2407, 12.*
———————— D'Aubent, Miscell., pl. 67, fig. 1.*
Phalæna militaris, Cram., Pap. Exot. i, pl. 29, fig. B, (1775).
Bombyx militaris, Fab., Syst. Ent. p. 559, No. 12, (1775).
———————— Sp. Ins. ii, p. 171, No. 22, (1781).
———————— Mant. Ins. ii, p. 110, No. 25, (1787).*
———————— Oliv., Enc. Meth. Ins. v. 32, 32, pl. 70, fig. 5.*
Euschema militaris, Walker, Cat. Lep. Het. B. M. ii, p. 405, (1854).
———————— Hübn., Verz. Bek. Schmett. p. 175, No. 1803, (1816).
———————— Butler, Ann. Nat. Hist. (5), xvi, (1885), p. 347.
———————— Moore, Proc. Zool. Soc. Lond. 1878, p. 846.
———————— Cat. Lep. Mus. E. I. C. ii, 333, (1859).
———————— Journ. As. Soc. Beng., vol. 55, pt. 2, No. 1, (1866), p. 99.
Hazis militaris, Boisd., Voy. de l' Astrolabe, pt. i, Lep. 203, 1, (1832).
———————— Feisthamel, Voy. de la Favorite, Suppl. 20.*

I. M., Sibsaghar, Shillong, Cachar, Mergui (Anderson), Cherra pungi, Sylhet, Naga Hills, Sikkim (purchased), Khasi Hills, Nancowry (purchased), Tavoy (Moti Ram).
Collection Swinhoe, Burma, Darjiling, Nicobar Islands, Andaman Islands, Matheran.

3085. EUSCHEMA NIGRESCENS.

Euschema nigrescens, Moore, Descr. Ind. Lep. Atk. i, p. 20, (1879).

Darjiling.

3086. EUSCHEMA PALMYRA.

Phalæna (*Bombyx*) *palmyra*, Stoll., Suppl. Cramer, Pap. Exot. v, p. 159, pl. 36, fig. 1, (1791).
Euschema palmyra, Hübn., Verz. Schmett. p. 175, No. 1804, (1816).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.
Cystidia (?) *palmyra*, Walker, Cat. Lep. Het. B. M. ii, p. 342, (1854).

I. M., Matheran.
Collection Swinhoe, Wynaad, Calicut, Matheran, Khandalla.
Also recorded from Tranquebar.

3087. EUSCHEMA PROBA.

Euschema proba, Butler, Ann. Nat. Hist. (5), vi, p. 120, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 48, pl. 113, fig. 2, (1886).

Darjiling, Borneo.

3088. EUSCHEMA PRUNICOLOR.

Euschema prunicolor, Moore, Proc. Zool Soc. Lond. 1879, p. 414.
——————— Lep. Ceyl. iii, p. 423, pl. 189, fig. 2, ♂, (1887).

Ceylon.

3089. EUSCHEMA SODALIS.

Euschema sodalis, Moore, Journ, As. Soc. Beng. vol. 55, pt. ii, No. 1, (1886), p. 99.

I. M., Tavoy and Buxa (Moti Ram), Sikkim (purchased; also Barnes), Sibsaghar (Peal).

3090. EUSCHEMA SUBREPLETA.

Euschema subrepleta, Walker, Cat. Lep. Het. B. M. ii, p. 406, (1854).

I. M., Mergui (Anderson).
Also recorded from Ceylon and Borneo.

3091. EUSCHEMA TRANSVERSA.

Euschema transversa, Walker, Cat. Lep. Het. B. M. ii, p. 407, (1854).
——————— Moore, Cat. Lep. Mus. E. I. C., ii, p. 334, (1859).
——————— Lep. Ceyl. iii, p. 422, pl. 189, figs. 3, 3*a*, (1887).

I. M., Sikkim (Atkinson).
Also recorded from Ceylon.

Genus **Cusuma.**

3092. Cusuma limbata.

Cusuma limbata, Moore, Proc. Zool. Soc. Lond. 1879, p. 415.
——————— Lep. Ceyl. iii, p. 424, pl. 189, fig. 5, ♀, (1887).

Ceylon.
Allied to *C. vilis*.

3093. Cusuma vilis.

Euschema vilis, Walker, Cat. Lep. Het. B. M. ii, p. 408, (1854).
Cusuma vilis, Moore, Proc. Zool. Soc. Lond. 1879, p. 415.
——————— Lep. Ceyl. iii, p. 424, pl. 189, fig. 4, ♂, (1887).

Ceylon.

Genus **Milionia.**

3094. Milionia glauca.

Phalæna glauca, Cramer, Pap. Exot. iv, pl. 368, fig. D, (1781).
Milionia glauca, Walker, Cat. Lep. Het. B. M. ii, p. 365, (1854); and vii, p. 1656, (1856).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
Epidesma pyrrho, Hübn., Verz. Bek. Schmett, p. 176, No. 1821, (1816).

Collection Swinhoe, Tenasserim.
Also recorded from Amboina.

3095. Milionia lativitta.

Milionia lativitta, Moore, Proc. Zool. Soc. Lond., 1872, p. 570.

Sikkim.

3096. Milionia pulchrinervis.

Milionia pulchrinervis, Felder & R. Reise, Novara, pl. 104, fig. 6, ♀, (1868).

Sikkim.

3097. Milionia pyrozonis.

Milionia pyrozonis, Butler, Ann. Nat. Hist. (5), x, (1882), p. 375.
——————— Moore, Journ. As. Soc. Beng., vol. 55, pt. ii, No. 1, (1886), p. 97.

I. M., Tavoy (Moti Ram).
Collection Swinhoe, Sikkim.

3098. Milionia zonea.

Milionia zonea, Moore, Proc. Zool. Soc. Lond., 1872, p. 569.
——————— Journ. As. Soc. Beng., vol. 55, pt. ii, No. 3, (1884), p. 234.

I. M., Sikkim (purchased; also Barnes), Sibsaghar, Cachar (Wood-Mason).
Allied to *M. pyrozonis*.

Genus **Celerena.**

3099. CELERENA ANDAMANA.

Celerena andamana, Felder & R. Reise, Novara Lep. iv, pl. 130, fig. 18, ♂, (1874).
———————— (?) Moore, Proc. Zool. Soc. Lond., 1877, p. 600.
———————— Butler, Proc. Zool. Soc. Lond., 1883, p. 168.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Tenasserim, Andaman Islands.

3100. CELERENA DIVISA.

Celerena divisa, Walker, Trans. Ent. Soc. Lond., 3rd ser. i, 72, (1862-64).
———————— Cat. Lep. Het. B. M. xxxi., p. 166, (1864).
———————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 48, pl. 113, fig. i, (1886).

I. M., Sibsaghar, (Peal), Sikkim (Barnes).
Collection Swinhoe, Darjiling.

Genus **Panæthia.**

3101. PANÆTHIA IRIDICOLOR.

Panæthia iridicolor, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 227.
———————— Ill. Typ. Het. B. M. vi, p. 49, pl. 113, fig. 3, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

FAMILY URAPTERYDÆ.

Genus **Urapteryx.**

3102. URAPTERYX EBULEATA.

Urapteryx ebuleata, Guén., Phal. i, p. 32, 7, (1857).*
———————— Walker, Cat. Lep. Het. B. M. xx, p. 12, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
———————— Butler, Trans. Linn. Soc. Lond. 1883, p. 199.
Urapteryx sambucaria (var.), Koll., Hüg. Kasch. vol. iv, p. 483, (1848).
Urapteryx kantalaria, Felder & R. Reise, Novara, pl. 122, fig. 3, ♂, (1873).

Kashmir, Sikkim.

3103. URAPTERYX CLARA.

Urapteryx clara, Butler, Ann. Nat. Hist. (5), vi, p. 120, (1880).
———————— Journ, Linn. Soc. Lond., 1883, p. 199.
———————— Ill. Typ. Lep. Het. B. M. vi, p. 50, pl. 113, fig. 6, (1886).

N.-E. Himalayas.
Allied to *U. multistrigaria.*

3104. Urapteryx (?) falcataria.

Urapteryx (?) *falcataria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 613.

Darjiling.

3105. Urapteryx margaritata.

Urapteryx margaritata, Moore, Proc. Zool. Soc. Lond. 1867, p. 612.

Bengal.

3106. Urapteryx multistrigaria.

Urapteryx multistrigaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1535, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
——————— Butler, Journ. Linn. Soc. Lond., 1883, p. 198.

I. M., Kulu (Young), Shillong, Darjiling, N. Khasi Hills, Simla.
Collection Swinhoe, Pangi, Solun.
Allied to *U. ebuleata*.

3107. Urapteryx picticaudata.

Urapteryx picticaudata, Walker, Cat. Lep. Het. B. M. xx, p. 12, (1860), and xxxv, p. 1535, (1866).
Urapteryx sciticaudaria, Walker, *loc. cit.* xxvi, p. 1480, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
——————— Butler, Journ. Linn. Soc. Lond. 1883, p. 198.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 50, pl. 113, fig. 5, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Borneo.
Allied to *U. ebuleata*.

3108. Urapteryx podaliriata.

Urapteryx podaliriata, Guén., Phal. i, p. 32, (1857).*
——————— Walker, Cat. Lep. Het. B. M, xx, p. 12, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612, and 1878, p. 850.
——————— Butler, Journ. Linn. Soc. Lond. 1883, p. 199.

Sylhet, Moulmein, Tenasserim, Java.

3109. Urapteryx primularis.

Urapteryx primularis, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 49, pl. 113, fig. 4, (1886).
Urapteryx picticaudata, Butler (*nec* Walker), Journ. Linn. Soc. Lond. xvii, p. 198, (1883).

Nepal, Darjiling.

3110. Urapteryx quadripunctata.

Urapteryx quadripunctata, Moore, Proc. Zool. Soc. Lond. 1867, p. 613.

Bengal.

3111. Urapteryx yerburii.

Urapteryx yerburii, Butler, Proc. Zool. Soc. Lond., 1886, p. 388.

Collection Swinhoe, Thundiani (Punjab).
Also recorded from Murree.
Allied to *U. clara*.

Genus **Xeropteryx**.

3112. Xeropteryx columbicola.

Urapteryx columbicola, Walker, Cat. Lep. Het. B. M., xx, p. 11, (1860).
Xeropteryx columbicola, Butler, Journ. Linn. Soc. Lond. 1883, p. 203.

I. M., Sikkim (De Niceville).

Genus **Sirinopteryx**.

3113. Sirinopteryx rufivinctata.

Urapteryx rufivinctata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1747, (1862), and xxxv, p. 1535, (1866).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 613.
Sirinopteryx rufivinctata, Butler, Journ. Linn. Soc. Lond. 1883, p. 201.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Thinopteryx**.

3114. Thinopteryx crocopterata.

Urapteryx crocoptera, Koll., Hüg. Kasch. iv, p. 483, (1848).
Urapteryx crocopterata, Guén., Phal. i, 29, (1857).*
———————— Walker, Cat. Lep. Het. B. M. xx, p. 10, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 613, and 1877, p. 620.
Thinopteryx crocopterata, Butler, Journ. Linn. Soc. Lond. 1883, p. 202.
———————— Moore, Journ. As. Soc. Beng., vol. 55, pt. ii, No. 1, (1886), p. 99.

I. M., Darjiling (purchased), Tavoy (Moti Ram), Cachar (Wood-Mason), Sibsaghar (Peal) Sylhet, Kulu (Young).
Collection Swinhoe, Solun, Buxar, Darjiling.

3115. Thinopteryx nebulosa.

Thinopteryx nebulosa, Butler, Journ. Linn. Soc. Lond., 1883, p. 203.
———————— Ill. Typ. Lep. Het. B. M. vi, p. 51, pl. 113, fig. 8. (1886).

I. M., Sibsaghar (Peal).
Collection Swinhoe, Sikkim.
Allied to *T. crocopterata* and *T. prætoraria*.

3116. Thinopteryx prætoraria.

Urapteryx prætoraria, Felder & R. Reise, Novara Lep iv, pl. 122, fig. 13, ♂, (1873).
Thinopteryx prætoraria, Butler, Journ. Linn. Soc. Lond. 1883, p. 202.

Sylhet.

Genus **Æschropteryx.**

3117. ÆSCHROPTERYX TESTACEATA.

Chærodes testaceata, Moore, Proc. Zool. Soc. Lond. 1867, p. 615.

Collection Swinhoe, Darjiling.

Genus **Euchera.**

3118. EUCHERA PITMANI.

Euchera pitmani, Moore, Journ. As. Soc. Beng., vol. 55, pt. i, No. 2, p. 99, (1886).

I. M., Tavoy (type Moti Ram).

3119. EUCHERA SUBSTIGMARIA.

Euchera substigmaria, Hübn., Zutr. Exot. Sch. 29, 260, fig. 519, 520, (1832).*
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 613.
Cyclidia substigmaria, Guén., Phal. i, p. 63, 76, (1857).*
———— Walker, Cat. Lep. Het., B. M., xx, p. 56, (1860), and xxvi, p. 1482, (1862).
Abbraxas capitata, Walker, *loc. cit.* xxiv, p. 1121, (1862).

I. M., Sylhet, North Khasi Hills, Dunsiri, Silchar (Wood-Mason), Shillong, Sikkim (purchased), Sibsaghar (Peal), Buxar (Moti Ram), Kulu (Young), Mussoorie (Templeton).
Collection Swinhoe, Solun, Sylhet, Malda.
Also recorded from China.

Genus **Chorodna.**

3120. CHORODNA ADUMBRATA.

Chorodna adumbrata, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).

Darjiling.

3121. CHORODNA DECOLORATA.

Cyclidia decolorata, Walker, Char. Undescr. Lep. Het. Lond. 1869, p. 96.

Benares.

3122. CHORODNA EREBUSARIA.

Chorodna erebusaria, Walker, Cat. Lep. Het. B. M., xxi, p. 314, (1860).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 613.
———— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 62, pl. 115, fig. 9, (1886).

I. M., Shillong, Sikkim (purchased).
Collection Swinhoe, Darjiling.

3123. CHORODNA METAPHÆARIA.

Cyclidia metaphœaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1482, ♂, (1862), & xxxv, p. 1536, (1866).

CHORODNA METAPHÆARIA—*continued.*

Chorodna metaphœaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 613.
——————— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 61, pl. 115, fig. 8, (1886).
Erebomorpha semiclusaria, Walker, *loc. cit.* xxvi, p. 1552, ♂, (1862).

I. M., Sikkim (Barnes), Yunan.
Collection Swinhoe, Darjiling.

3124. CHORODNA MURICOLARIA.

Cyclidia muricolaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1483, ♀, (1862).
Chorodna muricolaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3125. CHORODNA PALLIDULARIA.

Chorodna pallidularia, Moore, Proc. Zool. Soc. Lond., 1867, p. 613.

I. M., Sibsaghar (Peal), Sikhim (purchased), Buxar (Moti Ram).
Collection Swinhoe, Darjiling.

3126. CHORODNA PLAGIDOTATA.

Cyclidia (?) plagidotata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1483, ♀, (1862).
Chorodna plagidotata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3127. CHORODNA RECTATA.

Cyclidia rectata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1536, (1866).
Chorodna rectata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3128. CHORODNA RECTIFICATA.

Nelcynda rectificata, Walker, Cat. Lep. Het. B. M., xxiv, p. 1142, (1862).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 651.
Cyclidia patulata, Walker, *loc. cit.*, xxxv, p. 1537, (1866).
Chorodna patulata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

I. M., Sikkim (purchased, also Barnes).
Collection Swinhoe, Darjiling.

3129. CHORODNA VULPINARIA.

Chorodna vulpinaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Collection Swinhoe, Darjiling.

Genus **Dalima**.

3130. DALIMA APICATA.

Dalima apicata, Moore, Proc. Zool. Soc. Lond. 1867, p. 615, pl. 32, fig. 4.

I. M., Sikkim (purchased).

3131. Dalima patnaria.

Dalima patnaria, Felder & R. Reise, Novara, pl. 122, fig. 12, ♂, (1873).
Darjiling.

3132. Dalima schistacearia.

Dalima schistacearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 615.
I. M., Darjiling.

Genus **Kalabana.**

3133. Kalabana albifera.

Kalabana albifera, Moore, Proc. Zool. Soc. Lond., 1879, p. 415.
Kulu.

Family ENNOMIDÆ.

Genus **Lagyra.**

3134. Lagyra (?) abstractaria.

Lagyra ? abstractaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1485, (1862).
India.

3135. Lagyra humiferata.

Lagyra humeriferata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1484, (1862).
South India.

3136. Lagyra megaspila.

Lagyra megaspila, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Bengal.

3137. Lagyra rigusaria.

Lagyra rigusaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1485, (1862).
——— Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Kanara.

3138. Lagyra successaria.

Lagyra successaria, Walker, Cat. Lep. Het. B. M., xx, p. 60, ♀, (1860).
Chizala decipiens, Walker, *loc. cit.* xx, p. 263, ♂, (1860).
——— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 852, and 1886, p. 454.
I. M., Ranchi (Irvine), Poona (Swinhoe).
Collection Swinhoe, Poona, Mhow.

3139. LAGYRA TALACA.

Lagyra talaca, Walker, Cat. Lep. Het. B. M., xx, p. 59, (1860), ♀.
———— *var.* Walker, *loc. cit.* xxvi, p. 1484, ♀, (1862).
———— Moore, Lep. Ceyl. iii, p. 392, pl. 185, figs. 1, 1*a*, 1*b*, (1886).
Chizala deceptatura, Walker, *loc. cit.*, xx, p. 264, ♂, (1860).
Lagyra bombycaria, Walker, *loc. cit.*, xxxv, p. 1539, ♂, (1866).

I. M., Cachar (Wood-Mason), Sibsaghar (Peal), Buxar (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Sikkim, Ceylon, Poona.
Also recorded from Celebes and the Philippine Islands.

Genus **Drepanodes.**

3140. DREPANODES ARGENTILINEA.

Drepanodes argentilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 617.
Bengal.

3141. DREPANODES FENESTRARIA.

Drepanodes fenestraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.
Bengal.

3142. DREPANODES QUINARIA.

Drepanodes quinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.
Bengal.

3143. DREPANODES TRILINEARIA.

Drepanodes trilinearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.
Darjiling.

Genus **Caustoloma.**

3144. CAUSTOLOMA ACUTIPENNIS.

Caustoloma acutipennis, Moore, Descr. Ind. Lep. Atk., p. 230, pl. 8, fig. 7, (1887).
Darjiling.

3145. CAUSTOLOMA ENNOMOSARIA.

Hyperythra ennomosaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1498, (1862).
Caustoloma ennomosaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 619.
Sikkim.

Genus **Hyperythra.**

3146. HAPERYTHRA ANGULIFASCIA.

Hyperythra angulifascia, Moore, Proc. Zool. Soc. Lond, 1878, p. 851, pl. 53, fig. 11.
Tenasserim.

3147. Hyperythra ennomaria.

Hyperythra ennomaria, Guén. Phal. i, 103, 157, (1857).*
———————— Walker, Cat. Lep. Het. B. M. xx, p. 129, (1860).

Bengal.

3148. Hyperythra lutea.

Phalæna (Geometra) lutea, Cram., Pap. Exot. iv, pl. 370, figs. C, D, (1781).
Hyperythra lutea, Moore, Proc. Zool. Soc. Lond., 1877, p. 620.
———————— Lep. Ceyl. iii, p. 393, pl. 185, figs. 6, 6a, (1886).
Hyperythra luteata, Moore, *loc. cit.*, 1867, p. 619.
Phalæna flavaria (?), Fabr., Mant. Ins. ii, p. 187, No. 32, (1787).
Phalæna flavata, Fabr., Ent. Syst. iii, 2, p. 169, No. 145, (1794).
———————— Gmel., Ed Syst. Nat. i, 5, 2460, 659.*
Hyperythra limbolaria, Guén., Phal. i, 101, 153, pl. 3, figs. 3, 4, ♀, (1857).*
———————— Walker, Cat. Lep. Het. B. M., xx, p. 127, (1860).
———————— Moore, Proc. Zool. Soc. Lond., 1878, p. 851.
———————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 852.
Hyperythra penicillaria, Guén., Phal. 1, 101, 154, (1857).*
Aspilates susceptaria, Walker, *loc. cit.* xxxv, p. 1664, ♀, (1866).

I. M., Sikkim (Barnes), Sibsaghar (Peal), Buxar (Moti Ram), Kulu (Young), Ranchi (Irvine), Bombay (Swinhoe).
Collection Swinhoe, Solun, Umballa, Campbellpur, Bombay, Poona.
Also recorded from Andaman Islands, Ceylon, Java, China and Africa.

3149. Hyperythra (?) niguzaria.

Hyperythra (?) *niguzaria*, Walker. Cat. Lep. Het. B. M., xx, p. 129, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Sylhet.

3150. Hyperythra phantasma.

Hyperythra phantasma, Butler, Proc. Zool. Soc. Lond. 1881, p. 615, and 1886, p. 388.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, and 1885, p. 852.

Collection Swinhoe, Karachi.

3151. Hyperythra (?) riobearia.

Hyperythra (?) *riobearia*, Walker, Cat. Lep. Het. B. M. xx, p. 129, (1860).
Collection Swinhoe, Sikkim, Nilgiri Hills.
Also recorded from Nepal.

3152. Hyperythra spurcataria.

Hyperythra spurcataria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1498, (1862).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Collection Swinhoe, Darjiling.

3153. Hyperythra swinhoei.

Hyperythra swinhoei, Butler, Ann. Nat. Hist. (5) v, p. 223, (1880).
——————————— Proc. Zool. Soc. Lond. 1881, p. 614, and 1883, p. 169.
——————————— ——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, and 1886, p. 454.

Collection Swinhoe, Karachi, Mhow.

3154. Hyperythra trilineata.

Hyperythra trilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Bengal.

3155. Hyperythra vitticostata.

Hyperythra vitticostata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1497, (1862).
——————————— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Darjiling.

Genus **Angerona.**

3156. Angerona cessaria.

Boarmia cessaria, Walker, Cat. Lep. Het. B. M., xxi, p. 383, (1860).
Angerona cessaria, Moore, Lep. Ceyl. iii, p. 390, pl. 185, figs. 7, 7*a*, ♂, ♀, (1886).
Angerona præclararia, Walker, *loc. cit.* xxvi, p. 1499, (1862).

Ceylon, Kanara.

3157. Angerona (?) crœsaria.

Melinoessa crœsaria, Herr Schäff., Samm. Auss. Schmett. fig. 370, (1850-69).
Angerona (?) *crœsaria*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1501, (1862).

Sylhet.

3158. Angerona pallicostaria.

Angerona pallicostaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Panisala.**

3159. Panisala truncataria.

Panisala truncataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

Bengal.

Genus **Eurymene.**

3160. Eurymene inustaria.

Eurymene inustaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

Bengal.

Genus **Odontoptera.**

3161. ODONTOPTERA CHALYBEATA.

Odontoptera chalybeata, Moore, Proc. Zool. Soc. Lond., 1872, p. 580, pl. 34, fig. 4.

I. M., Sikhim (purchased).
Allied to *O. discospilata*.

3162. ODONTOPTERA DISCOSPILATA.

Odontoptera discospilata, Moore, Proc. Zool. Soc. Lond., 1867, p. 621.

I. M., Sikkim (Barnes).
Collection Swinhoe, Sikkim.

Genus **Selenia.**

3163. SELENIA CALCEARIA.

Hyperythra calcearia, Walker, Cat. Lep. Het. B. M., xx, p. 132, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

I. M., Kulu (Young).
Collection Swinhoe, Solun.

3164. SELENIA DECORATA.

Selenia decorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 621, pl. 32, fig. 9.

Collection Swinhoe, Darjiling.

3165. SELENIA DENTILINEATA.

Selenia dentilineata, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).

Darjiling.
Allied to *S. calcearia*.

Genus **Crocalis.**

3166. CROCALIS ANGULARIA.

Crocalis angularia, Moore, Proc. Zool. Soc. Lond., 1867, p. 622.

Collection Swinhoe, Kasaoli.

3167. CROCALIS BIVITTARIA.

Crocalis bivittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 622.

Bengal.

3168. CROCALIS KAMETARIA.

Colotois kametaria, Felder & R. Reise, Novara, pl. 123, fig. 28, ♂, (1873).

Himalayas, Rampur.

3169. CROCALIS LENTIGINOSARIA.

Crocalis lentiginosaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 622.

Bengal.

3170. Crocalis obliquaria.

Crocalis obliquaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 622.
Bengal.

3171. Crocalis similaria.

Crocalis similaria, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).
Darjiling.
Allied to *C. lentiginosaria*.

Genus **Ennomos**.

3172. Ennomos (?) spilotelaria.

Ennomos (?) spilotelaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1519, (1862).
South India.

3173. Ennomos testacearia.

Ennomos testacearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 623.
I. M., India.
Collection Swinhoe, Darjiling.

3174. Ennomos viridata.

Ennomos viridata, Moore, Proc. Zool. Soc. Lond. 1867, p. 623.
Bengal.

Genus **Epione**.

3175. Epione adustata.

Epione adustata, Moore, Descr. Ind. Lep. Atk., p. 229, pl. 8, fig. 20, (1887).
Khasi Hills.

3176. Epione gynopteridia.

Epione gynopteridia, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 123.
——— Ill. Typ. Lep. Het. B. M. vi, p. 51, pl. 114, fig. 1, (1886).
North-East Himalayas.

3177. Epione obliquilinea.

Epione obliquilinea, Moore, Descr. Ind. Lep. Atk., p. 229, (1887).
Darjiling.

Genus **Endropia**.

3178. Endropia albifrons.

Endropia albifrons, Moore, Descr. Ind. Lep. Atk., p. 229, (1887).
Darjiling.

3179. ENDROPIA ANTICLEATA.

Endropia anticleata, Moore, Descr. Ind. Lep. Atk., p. 229, (1887).
Darjiling.

3180. ENDROPIA BASIPUNCTA.

Endropia basipuncta, Moore, Proc. Zool. Soc. Lond., 1867, p. 621.
Collection Swinhoe, Darjiling.

3181. ENDROPIA LUGENS.

Endropia lugens, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 52, pl. 114, fig. 2, (1886).
Collection Swinhoe, Darjiling.

Genus **Garæus.**

3182. GARÆUS COSTATUS.

Garæus costatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 53, pl. 114, fig. 4, (1886).
I. M., Sikkim (purchased).

3183. GARÆUS CRUENTATUS.

Garæus cruentatus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 52, pl. 114, fig. 3, (1886).
North-East Himalayas.
Closely allied to G. (*Endropia*) *mactans* of Japan.

3184. GARÆUS SPECULARIS.

Garæus specularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 623, pl. 32, fig. 3.
Collection Swinhoe, Darjiling.

Genus **Lycimna.**

3185. LYCIMNA POLYMESATA.

Lycimna polymesata, Walker, Cat. Lep. Het. B. M. xx, p. 215, (1860).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 624.
Sylhet.

Genus **Erebomorpha.**

3186. EREBOMORPHA FULGURARIA.

Erebomorpha fulguraria, Walker, Cat. Lep. Het. B. M. xxi, p. 495, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 624.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 85, pl. 120, fig. 2, (1886).
I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

3187. EREBOMORPHA FULGURITA.

Erebomorpha fulgurita, Walker, Cat. Lep. Het. B. M. xxi, p. 495, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 624.

I. M., Sikkim (purchased, also Barnes).
Collection Swinhoe, Sikkim.

3188. EREBOMORPHA PRÆTEXTATA.

Erebomorpha prætextata, Felder & R. Reise, Novara, pl. 126, fig. 16, ♂, (1874).

Darjiling.

3189. EREBOMORPHA XANTHOSOMA.

Erebomorpha xanthosoma, Felder & R. Reise, Novara, pl. 126, fig. 17, ♂, (1874).

Darjiling.

Genus **Orsonoba.**

3190. ORSONOBA CLELIA.

Phalæna clelia, Cram., Pap. Exot. iii, p. 172, pl. 288, figs. B, C, (1780).
Ayelena clelia, Walker, Cat. Lep. Het. B. M. xx, p. 195, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852.
Orsononoba clelia, Moore, Lep. Ceyl., iii, p. 395, pl. 187, fig. 2, ♀.
Gorodontis cleliaria, Hübner, Verz, Bek. Schmett, p. 287, (1818-25).

Collection Swinhoe, Bombay.
Also recorded from Australia and Ceylon.

3191. ORSONOBA PALLIDA.

Orsonoba pallida, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 125.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 53, pl. 114, fig. 5, (1886).

I. M., Sikkim (purchased).

3192. ORSONOBA RAJACA.

Orsonoba rajaca, Walker, Cat. Lep. Het. B. M. xx, p. 219, (1860).
——————— Moore, Lep. Ceyl. iii, p. 395, pl. 187, figs. 1, 1*a*, *b*, (1887).

Ceylon.

Genus **Pyrinia.**

3193. PYRINIA MARTIATA.

Crocopteryx martiata, Guén., Phal. i, 74, pl. 5, fig. 8, (1857).
Pyrinia martiata, Walker, Cat. Lep. Het. B. M. xx, p. 89, (1860).

India, Borneo, Java.

3194. PYRINIA PATALATA.

Heterolocha patalata, Felder & R. Reise, Novara, pl. 132, figs. 9, 9*a* ♂, (1874).

Himalayas, Rampur.

3195. Pyrinia phœnicotæniata.

Aspilates phœnicotæniata, Kollar, Hüg. Kasch. iv, p. 487, (1848).
Heterolocha phœnico-tæniata, Felder & R. Reise, Novara, pl. 133, figs. 6, 6*a*, ♂, (1874).
(?) *Pyrinia phœnico-tæniata*, Butler, Proc. Zool. Soc. Lond., 1886, p. 388.

I. M., Sibsaghar (Peal).
Collection Swinhoe, Solun.

Genus Scardamia.

3196. Scardamia metallaria.

Scardamia metallaria, Guén., Phal. i, p. 89, 134, (1857).
——————— Walker, Cat. Lep. Het. B. M. xx, p. 112, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852.
——————— Moore, Lep. Ceyl. iii, p. 391, pl. 185, fig. 2, ♂, (1886).
Laginia bractearia, Walker, *loc. cit.*, xx, p. 245, (1860).
Scardamia taprobanes, Felder & R. Reise, Novara, v, pl. 123, fig. 2, (1873).

Collection Swinhoe, Solun, Travancore, Poona, Bombay.
Also recorded from Ceylon.

Genus Venilia.

3197. Venilia himalayica.

Ennomos himalayica, Koll., Hüg. Kasch. 485, (1848).
Venilia himalayata, Guén., Phal. i, 113, 174, (1857).
——————— Walker, Cat. Lep. Het. B. M., xx, p. 141, (1860).

Collection Swinhoe, Solun, Darjiling.

Genus Entomopteryx.

3198. Entomopteryx amputata.

Entomopteryx amputata, Guén., Phal. i, 171, 271, pl. 3, fig. 7, (1857).
——————— Walker, Cat. Lep. Het. B. M., xx, p. 202, (1860).

India (?)

Genus Caberodes.

3199. Caberodes achromaria.

Caberodes achromaria, Guén., Phal. i, 136, 211, (1857).
——————— Walker, Cat. Lep. Het. B. M., xx, p. 171, (1860).

North India.

Genus Pericallia.

3200. Pericallia olivescens.

Pericallia olivescens, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).

Darjiling.

3201. Pericallia sikkima.

Pericallia sikkima, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).

Darjiling.

Genus **Deva.**

3202. DEVA (?) INORNATA.

Deva (?) inornata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 848, (1865).
I. M., Mussouri (Templeton).
Collection Swinhoe, Solun.

Genus **Peetula.**

3203. PEETULA EXANTHEMATA.

Peetula exanthemata, Moore, Descr. Ind. Lep. Atk., p. 231, (1887).
Darjiling.

FAMILY OXYDIDÆ.

Genus **Marcala.**

3204. MARCALA FLAVIFUSATA.

Marcala flavifusata, Moore, Descr. Ind. Lep. Atk., p. 231, pl. 8, fig. 6, (1887).
Darjiling.

3205. MARCALA GALBULATA.

Numeria galbulata, Felder & R. Reise, Novara, pl. 133, figs. 20, 20*a*, ♂, (1874).
Marcala galbulata, Moore, Lep. Ceyl. iii, p. 404, pl. 185, fig. 5, (1887).
Collection Swinhoe, Ceylon.

3206. MARCALA IGNIVORATA.

Marcala ignivorata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1764, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
Cherrapunji.

3207. MARCALA IRRORATA.

Marcala irrorata, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).
Darjiling.

3208. MARCALA OBLIQUARIA.

Marcala obliquaria, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).
Darjiling.

3209. MARCALA PLAGIATA.

Geometra plagiata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1601, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
Darjiling.

3210. Marcala saturataria.

Geometra saturataria, Walker, Cat. Lep. Het. B. M., xxii, p. 519, (1861).
Marcala saturataria, Moore, Lep. Ceyl. iii, p 405, pl. 204, fig. 4, (1887).

I. M., Sibsaghar (Peal), Sikkim (purchased), Andaman Islands (purchased), Buxar (Moti Ram).

Collection Swinhoe, Sylhet, Sikkim, Buxar, Sibsaghar.

3211. Marcala sulphurescens.

Marcala sulphurescens, Moore, Lep. Ceyl. iii, p. 405, pl. 185, fig. 8, (1887).

Collection Swinhoe, Ceylon.

3212. Marcala usta.

Geometra usta, Walker, Cat. Lep. Het. B. M., xxxv, p. 1602, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Darjiling.

Genus **Oxydia.**

3213. Oxydia vulpinaria.

Oxydia vulpinaria, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).

Darjiling.

Genus **Metoxydia.**

3214. Metoxydia calamina.

Oxydia calamina, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 121.
Metoxydia calamina, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 55, pl. 114, fig. 7, (1886).

Darjiling.

Genus **Phœnix.**

3215. Phœnix iris.

Phœnix iris, Butler, Ann. Nat. Hist. (1880), (5) vi, p. 122.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 57, pl. 114, fig. 11, (1886).

Collection Swinhoe, Sikkim.

Genus **Omiza.**

3216. Omiza affinis.

Omiza affinis, Moore, Proc. Zool. Soc. Lond. 1877, p. 621.

I. M., Andaman Islands (purchased).
Allied to *O. pachiaria*.

3217. Omiza pachiaria.

Omiza pachiaria, Walker, Cat. Lep. Het. B. M. xx, p. 247, (1860) and xxvi, p. 1523, (1862).

OMIZA PACHIARIA—*continued.*

Omiza pachiaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.
———— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 56, pl. 114, figs. 9 & 10, (1886).

I. M., Sikkim (purchased, also Barnes), Andaman Islands (purchased).
Collection Swinhoe, Darjiling, Kulu.

3218. OMIZA PATULARIA.

Omiza patularia, Walker, Cat. Lep. Het. B. M. xx, p. 247, (1860).
Collection Swinhoe, Solun, Sikkim.

3219. OMIZA SCHISTACEA.

Omiza schistacea, Moore, Proc. Zool. Soc. Lond. 1878, p. 851, pl. 53, fig. 12.
Tenasserim.

Genus **Litbada.**

3220. LITBADA SERICEARIA.

Litbada sericearia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1571, (1866).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 624.
Litbada sericaria (sic), Butler, Ill. Typ. Lep. Het. B. M. vi, p. 54, pl. 113, fig. 7, (1886).

Sylhet.

Genus **Ellopia.**

3221. ELLOPIA PULCHRA.

Ellopia pulchra, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.
———— Ill. Typ. Lep. Het. B. M. vi, p. 56, pl. 114, fig. 8, (1886).

North-East Himalayas.

FAMILY ÆNOCHROMIDÆ.

Genus **Decetia.**

3222. DECETIA ABSTRACTARIA.

Decetia (?) *abstractaria*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1559, (1866).

India.

3223. DECETIA ARENOSA.

Decetia arenosa, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 121.
———— Ill. Typ. Lep. Het. B. M. vi, p. 58, pl. 113, fig. 9, (1886).

North-East Himalayas.

3224. Decetia capetusaria.

Decetia capetusaria, Walker, Cat. Lep. Het. B. M. xx, p. 233, (1860).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 618.
Drepanodes (?) *circulitaria*, Walker, *loc. cit.* xxvi, p. 1489, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 617.

Sylhet.

3225. Decetia lunuliferata.

Decetia lunuliferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1522, (1862).

Kanara.

3226. Decetia pallida.

Decetia pallida, Moore, Descr. Ind. Lep. Atk., p. 232, pl. 8, fig. 1, (1887).

Calcutta.

3227. Decetia rufifrontata.

Auzea rufifrontata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1487, (1862).
Decetia rufifrontata, Butler, Ill. Typ. Lep. Het. B. M. vi, pl. 113, fig. 10, (1886).

I. M., Sikkim (purchased, also De Niceville).
Collection Swinhoe, Sikkim.

3228. Decetia subobscurata.

Gynopteryx (?) *subobscurata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1495, (1862).

South India.

Genus **Noreia**.

3229. Noreia ajaia.

Timandra ajaia, Walker, Journ. Linn. Soc. Lond. Zool. iii, p. 195, (1859).
Noreia ajaia, Moore, Lep. Ceyl. iii, p. 406, pl. 185, fig. 3, (1887).
Noreia perdensata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1092, (1862).
Decetia posticata, Walker, *loc. cit.* xxxv, p. 1557, (1886).

Collection Swinhoe, North Kanara.
Also recorded from Ceylon, Singapore, Java.

3230. Noreia cervinaria.

Noreia cervinaria, Moore, Descr. Ind. Lep. Atk., p. 233, (1887).

Darjiling.

3231. Noreia flava.

Noreia flava, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 2, (1887).

Darjiling.

3232. Noreia inamata.

Acidalia inamata, Walker, Cat. Lep. Het. B. M. xxii, p. 755, (1861)
Noreia inamata, Moore, Lep. Ceyl. iii, p. 406, pl. 185, fig. 4, (1887).
Acidalia simpliciaria, Walker, *loc. cit.* xxiii, p. 793, (1861).
Noreiah (?) *luciferata*, Walker, *loc. cit.* xxiv, p. 1093, (1862).
Ceylon.

3233. Noreia sericea.

Noreia sericea, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 225.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 82, pl. 119, fig. 8, (1886).
I. M., Darjiling.
Collection Swinhoe, Darjiling.

Genus **Sarcinodes.**

3234. Sarcinodes ægrota.

Auxima restitutaria, var. *ægrota*, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 125.
Sarcinodes ægrota, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 60, pl. 115, figs. 3 & 4, (1886).
Darjiling.

3235. Sarcinodes æquilinearia.

Mergana æquilinearia, Walker, Cat. Lep. Het. B. M. xxi, p. 292, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 624.
Sarcinodes equilinearia (sic), Butler, Ill. Typ. Lep. Het. B. M. vi, p. 60, pl. 115, figs. 5 & 6, (1886).
Auxima trilineata, Walker, *loc. cit.* xxxv, p. 1576, (1866).
I. M., Sikkim (purchased).
Collection Swinhoe, Sylhet, Sikkim.

3236. Sarcinodes carnearia.

Sarcinodes carnearia, Guén., Phal. i, 188, 291, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 285, (1860).
——————— Rosenstock, Ann. Nat. Hist. (5), xiv, (1884), p. 64.
Mergana bilineata, Moore, Proc. Zool. Soc. Lond., 1867, p. 624.
Darjiling.

3237. Sarcinodes debitaria.

Auxima debitaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1527, (1862).
Mergana debitaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 624.
Sarcinodes debitaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 59, pl. 114, fig. 12, (1886).
I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.

3238. Sarcinodes lilacina.

Sarcinodes lilacina, Moore, Descr. Ind. Lep. Atk., p. 234, (1887).
Cherrapunji.

3239. Sarcinodes restitutaria.

Auxima restitutaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1527, (1862).
Mergana restitutaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 624.
Sarcinodes restitutaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 59, pl. 115, figs. 1 & 2, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Corotia.**

3240. Corotia cervinaria.

Corotia cervinaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 625, pl. 32, fig. 10.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Chilkasa.**

3241. Chilkasa falcata.

Chilkasa falcata, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 853.
Collection Swinhoe, Bombay.

Genus **Auzea.**

3242. Auzea apicata.

Auzea apicata, Moore, Proc. Zool. Soc. Lond., 1867, p. 617.
Bengal.

3243. Auzea reticulata.

Auzea reticulata, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 3, (1887).

Darjiling.

3244. Auzea torridaria.

Auzea torridaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 617.
Bengal.

Genus **Cimicodes.**

3245. Cimicodes castanearia.

Cimicodes castanearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 616, pl. 32, fig. 1.

Collection Swinhoe, Darjiling.

3246. Cimicodes costalis.

Cimicodes costalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Bengal.

3247. Cimicodes cruentaria.

Cimicodes cruentaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Bengal.

3248. Cimicodes flava.

Cimicodes flava, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 5, (1887).
Cherrapunji.

3249. Cimicodes sanguiflua.

Cimicodes sanguiflua, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 4, (1887).
Cherrapunji.

Family AMPHIDASYDÆ.

Genus **Amphidasys.**

3250. Amphidasys bengaliaria.

Amphidasys bengaliaria, Guén., Phal. i, 210, 314, pl. 4, fig. 2, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 308, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 625.
I. M., Shillong, Sylhet, Sikkim (purchased, also Barnes).

3251. Amphidasys cladonia.

Amphidasys cladonia, Felder & R. Reise, Novara, pl. 125, fig. 13, ♀, (1874).
Sylhet.

3252. Amphidasys contectaria.

Amphidasys contectaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1529, (1862).
——————— Butler, Ill. Typ. Lep. Het. B. M., p. 60, pl. 115, fig. 7, (1886).
I. M., Shillong, Sikkim (purchased, also Barnes), Sylhet.
Collection Swinhoe, Solun, Darjiling.

3253. Amphidasys regalis.

Amphidasys regalis, Moore, Descr. Ind. Lep. Atk., p. 234, (1887).
Darjiling.

Genus **Buzura.**

3254. Buzura multipunctaria.

Buzura multipunctaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1531, (1862).
———————Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

BUZURA MULTIPUNCTARIA—*continued.*

Buzura multipunctaria, Journ. As. Soc. Beng., vol. 53, pt. ii, No.3, (1884), p. 237.
I. M., Cachar (Wood-Mason), Calcutta, Buxar (Moti Ram), Sikkim (purchased, also Barnes), Sibsaghar (Peal).
Collection Swinhoe, Solun, Sylhet.

3255. BUZURA STRIGARIA.

Buzura strigaria, Moore, Proc. Zool. Soc. Lond. 1879, p. 416.
——————— Lep. Ceyl. iii, p. 407, pl. 188, figs. 1, 1*a*, *b*, *c*, (1887).

Ceylon.

Genus **Cusiala.**

3256. CUSIALA BOARMIOIDES.

Cusiala boarmioides, Moore, Descr. Ind. Lep. Atk., p. 234, (1887).
Darjiling.

3257. CUSIALA DISTERMINATA.

Boarmia (?) *disterminata*, Walker, Cat. Lep. Het. B. M. xxi, p. 491, ♂, (1860).
Cusiala disterminata, Moore, Lep. Ceyl. iii, p. 408, (1887).
Ceylon.

3258. CUSIALA RAPTARIA.

Boarmia raptaria, Walker, Cat. Lep. Het. B. M. xxi, p. 373, (1860).
Cusiala raptaria, Moore, Lep. Ceyl. iii, p. 408, (1887).
Ceylon.

3259. CUSIALA SUIASASA.

Boarmia suiasasa, Walker, Cat. Lep. Het. B. M. xxi, p. 373, ♂, (1860).
Cusiala suiasasa, Moore, Lep. Ceyl. iii, p. 407, (1887).
Ceylon.

FAMILY BOARMIDÆ.

Genus **Medasina.**

3260. MEDASINA CREATARIA.

Hemerophila creataria, Guén., Phal. i, p. 217, 321, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 318, (1860).
——— ——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 625.
I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling, Sibsaghar.

3261. Medasina dissimilis.

Medasina dissimilis, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).
Darjiling.

3262. Medasina fratercula.

Medasina fratercula, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.

3263. Medasina interruptaria.

Hemerophila interruptaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3264. Medasina mauraria.

Hemerophila mauraria, Guén., Phal. i, p. 218, 323, (1887).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).
——————— Moore, Zool. Soc. Lond., 1867, p. 625.
——————— Felder & R. Reise, Novara, pl. 126, figs. 18, 18*a*, ♂, 19, 19*a*, ♀, (1874).
Elphos (?) *parisnatei*, Walker, *loc. cit.* xxvi, p. 1545, (1862).
I. M., Sikkim.
Collection Swinhoe, Sylhet.

3265. Medasina persimilis.

Medasina persimilis, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.
Allied to *M. interruptaria*.

3266. Medasina similis.

Medasina similis, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).
Darjiling.
Allied to *M. interruptaria*.

3267. Medasina strixaria.

Hemerophila strixaria, Guén., Phal. i, 217, 312, (1887).
——————— Walker, Cat. Lep. Het. B. M., xxi, p. 318, (1860).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 625.
Medasina strixaria, Moore, Lep. Ceyl. iii, p. 499, pl. 190 f. 1, 1a, ♂ & ♀, (1887).
I. M., Sibsaghar (Peal).
Collection Swinhoe, Sylhet.
Also recorded from Ceylon.

3268. Medasina virescens.

Hemerophila virescens, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 126.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 62, pl. 116, fig. 1, (1886).
I. M., Sikkim (purchased).

Genus **Menophra.**

3269. MENOPHRA, CANIDORSATA.

Hemerophila canidorsata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1578, (1866).
Menophra canidorsata, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 6, (1887).
Collection Swinhoe, Ceylon.

3270. MENOPHRA CONSPICUATA.

Menophra conspicuata, Moore, Descr. Ind. Lep. Atk., p. 237, (1887).
Darjiling.

3271. MENOPHRA DEFICIENS.

Menophra deficiens, Moore, Descr. Ind. Lep. Atk., p. 237, pl. 8, fig. 23, (1887).
Darjiling.

3272. MENOPHRA IMBECILIS.

Menophra imbecilis, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 7, ♀, (1837)
Ceylon.

3273. MENOPHRA PALLIDARIA.

Menophra pallidaria, Moore, Descr. Ind. Lep. Atk., p. 237, (1887).
Darjiling.

3274. MENOPHRA TORRIDARIA.

Menophra torridaria, Moore, Descr. Ind. Lep. Atk., p. 237, pl. 8, fig. 27, (1887).
Darjiling.

3275. MENOPHRA VIALIS.

Menophra (?) *vialis*, Moore, Descr. Ind. Lep. Atk., p. 238, pl. 8, fig. 9, (1857).
Darjiling.

Genus **Hemerophila.**

3276. HEMEROPHILA ATROSTIPATA.

Scotosia atrostipata, Walker, Cat. Lep. Het. B. M., xxv, p. 1354, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
Hemerophila atrostipata, Moore, Proc. Zool. Soc. Lond. 1867, p. 627.
I. M., Sikkim.
Collection Swinhoe, Darjiling, Solun.

3277. HEMEROPHILA BASISTRIGARIA.

Hemerophila basistrigaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Collection Swinhoe, Darjiling.

3278. HEMEROPHILA CUPREARIA.

Hemerophila cuprearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3279. HEMEROPHILA HUMERARIA.

Hemerophila humeraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 627.
Bengal.

3280. HEMEROPHILA JUGORUM.

Hemerophila jugorum, Felder & R. Reise, Novara, pl. 126, fig. 2, ♀, (1874).
Himalayas, Kyelang.

3281. HEMEROPHILA NIGROVITTATA.

Hemerophila nigrovittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3282. HEMEROPHILA OBJECTARIA.

Boarmia objectaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1583, (1866).
Hemerophila objectaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 625.
Darjiling.

3283. HEMEROPHILA RETRACTARIA.

Hemerophila retractaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 627, pl. 32, fig. 7.

I. M., Kulu.
Collection Swinhoe, Solun, Kulu.

3284. HEMEROPHILA SUBPLAGIATA.

Hemerophila subplagiata, Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).

Himalayas.

Genus **Calicha**.

3285. CALICHA RETRAHENS.

Calicha retrahens, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.

Genus **Xandrames**.

3286. XANDRAMES ALBOFASCIATA.

Xandrames albofasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 635, pl. 32, fig. 5.

Collection Swinhoe, Solun.

3287. Xandrames dholaria.

Xandrames dholaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 634.
I. M., Sikkim (purchased), Naga Hills.
Collection Swinhoe, Sikkim.

Genus **Pseudocoremia.**

3288. Pseudocoremia albifera.

Pseudocoremia albifera, Moore, Descr. Ind. Lep. Atk., p. 241, (1887).
Darjiling.

3289. Pseudocoremia imbecilis.

Pseudocoremia imbecilis, Moore, Descr. Ind. Lep. Atk., p. 241, (1887).
Darjiling.

3290. Pseudocoremia semialba.

Pseudocoremia semialba, Moore, Descr. Ind. Lep, Atk., p. 241, (1887).
Khasi Hills, Darjiling.

3291. Pseudocoremia variegata.

Pseudocoremia variegata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).
Darjiling.

Genus **Cleora.**

3292. Cleora albidentata.

Cleora albidentata, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Bengal.

3293. Cleora conifera.

Cleora conifera, Moore, Descr. Ind. Lep. Atk., p. 239, (1887).
Darjiling.

3294. Cleora decussata.

Cleora decussata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628, pl. 33, fig. 4.
Darjiling.

3295. Cleora duplexa.

Cleora duplexa, Moore, Descr. Ind. Lep. Atk., p. 239, (1887).
Darjiling.

3296. Cleora ochrifasciata.

Cleora ochrifasciata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).
Darjiling.

3297. Cleora fimbriata.

Cleora fimbriata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
Bengal.

3298. Cleora idæoides.

Cleora idæoides, Moore, Descr. Ind. Lep. Atk., p. 239, (1887).
Darjiling.

3299. Cleora irrorata.

Cleora irrorata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).
Darjiling.

3300. Cleora megaspilaria.

Cleora megaspilaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Collection Swinhoe, Darjiling.

3301. Cleora pannosaria.

Cleora pannosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Bengal.

3302. Cleora rufomarginata.

Cleora rufomarginata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
Bengal.

3303. Cleora semiclarata.

Selidosema (?) *semiclarata*, Walker, Cat. Lep. Het. B. M., xxiv, p. 1029 (1862).
Cleora semiclarata, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Scotosia quadrifera, Walker, *loc. cit.*, xxxv, p. 1687, (1866).
Collection Swinhoe, Solun, Darjiling.

3304. Cleora venustularia.

Cleora venustularia, Walker, Cat. Lep. Het. B. M., xxxv, p. 1579, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
I. M., Sikkim.

Genus **Narapa**.

3305. Narapa adamata.

Boarmia adamata, Felder & R. Reise, Novara, pl. 126, figs. 5, 5 *a*, ♂, (1874).
Narapa adamata, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 8, (1887).
Collection Swinhoe, Ceylon.

3306. Narapa indistincta.

Narapa indistincta, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 5, (1887).

Ceylon.

3307. Narapa similaris.

Narapa similaris, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 9, (1887).

Ceylon.

3308. Narapa umbrata.

Narapa umbrata, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 10, (1887).

Ceylon.

Genus **Boarmia.**

3309. Boarmia admissaria.

Boarmia admissaria, Guén., Phal. i, 239, 357, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxi, p. 369, (1860).

N. India.

3310. Boarmia albidaria.

Boarmia albidaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1582, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

I. M., (?) Shillong, Sikkim.
Collection Swinhoe, Darjiling.

3311. Boarmia bhurmitra.

Boarmia bhurmitra, Walker, Cat. Lep. Het. B. M., xxi, p. 381, (1860).
——————— Moore, Lep. Ceyl. iii, p. 412, pl 191, fig. 2, ♀, (1887).
Boarmia susceptaria, Walker, *loc. cit.* xxxv, p. 1584, ♀, (1866)..

Ceylon.

3312. Boarmia carinenta.

Phalæna carinenta, Cram., Pap. Exot. ii, 47, pl. 128, fig. F, (1779).
Phalæna (Geometra) carinenta, Gmel. Ed., Syst. Nat. i, 5, 2454, 634.
Phalæna carinata, Fabr., Sp. Ins. ii, 255, 78, (1781).
——————— Mant. Ins. ii, 198, 118, (1787).
——————— Ent. Syst. iii, pt. 2 169, 146, (1794).
Boarmia carinenta, Walker, Cat. Lep. Het. B. M. xxi, p. 370, (1860).
Dryocœtis carinentaria, Hübn., Verz. Schmett., 316, 3046, (1816).
Phalæna carinentaria, Guén., Phal. i, 240, 358, (1857).

Coromandel.

3313. Boarmia (?) ceylonaria.

Boarmia (?) *ceylonaria*, Neitner., Obs. Enemies of Coffee Tree, p. 33, (1861).
——————— Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3314. Boarmia combustaria.

Gnophos combustaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1597, (1866).
Boarmia combustaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

Darjiling.

3315. Boarmia concursaria.

Boarmia concursaria, Walker, Cat. Lep. Het. B. M., xxi, p. 377, (1860).

N. India.

3316. Boarmia contectaria.

Boarmia contectaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1537, (1862).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Poona.

3317. Boarmia contiguata.

Boarmia contiguata, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

I. M., Sikkim (purchased, also Barnes), Dunsiri.
Collection Swinhoe, Sylhet.
Allied to *B. propulsaria* (Walker) from Borneo.

3318. Boarmia cornaria.

Boarmia cornaria, Guén., Phal. i, 254, 390, (1857).
———— Walker, Cat. Lep. Het. B. M., xxi, p. 378, (1860).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854 and 1886, p. 454.

I. M., Poona, Bombay (Swinhoe).
Collection Swinhoe, Mhow, Karachi, Bhooj, Bombay, Poona.

3319. Boarmia (?) diffluaria.

Boarmia diffluaria, Walker, Cat. Lep. Het. B. M., xxi, p. 490, (1860).
———— Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3320. Boarmia diffusaria.

Boarmia diffusaria, Walker, Cat. Lep. Het. B. M, xxi, p. 382, (1860).
———— Moore, Lep. Ceyl. iii, p. 412, pl. 187, fig. 11, ♂, pl. 188, figs. 2, ♀, (1887).

Punjab, Ceylon.

3321. Boarmia (?) exclusaria.

Boarmia (?) *exclusaria*, Walker, Cat. Lep. Het. B. M., xxi, p. 490, (1860).
———— Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3322. Boarmia ferrolavata.

Boarmia ferrolavato, Walker, Cat. Lep. Het. B. M, xxvi, p. 1536, (1862).
India.

3323. Boarmia gleba.

Boarmia gleba, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853. pl. 56, f 3.
Collection Swinhoe, Poona.

3324. Boarmia impletaria.

Boarmia impletaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1536, (1862).
Kanara.

3325. Boarmia infixaria.

Boarmia infixaria, Walker, Cat. Lep. Het. B. M., xxi, p. 379, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.
Collection Swinhoe, Bombay.
Also recorded from Darjiling.

3326. Boarmia invectaria.

Boarmia invectaria, Walker, Cat. Lep. Het. B. M., xxi, p. 375, (1860).
Punjab.

3327. Boarmia iterata.

Boarmia iterata, Butler, Proc. Zool. Soc. Lond. 1886, p. 389.
I. M., Kulu (Young).
Collection Swinhoe, Thundiani (Punjab).

3328. Boarmia obliterata.

Boarmia obliterata, Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Bengal.

3329. Boarmia perspicuata.

Boarmia perspicuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Collection Swinhoe, Solun, Darjiling.

3330. Boarmia pleniferata.

Boarmia pleniferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1538, (1862).
Bhutan.

3331. Boarmia plumalis.

Boarmia plumalis, Butler, Ann. Nat. Hist. (5,) vi, (1880), p. 126.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 64, pl. 116, fig. 5, (1886).
Darjiling.

3332. Boarmia processaria.

Boarmia processaria, Walker, Cat. Lep. Het. B. M, xxi, p. 372, (1860).
India.

3333. Boarmia promptaria.

Boarmia promptaria, Walker, Cat. Lep. Het. B. M., xxi, p. 379, (1860).
India.

3334. Boarmia properata.

Boarmia properata, Walker, Cat. Lep. Het. B. M., xxi, p. 376, (1860).
N. India.

3335. Boarmia recursaria.

Boarmia recursaria, Walker, Cat. Lep. Het. B. M. xxi, p. 374, (1860).
Central India.

3336. Boarmia reparata.

Boarmia reparata, Walker, Cat. Lep. Het. B. M., xxi, p. 380, (1860).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Sylhet.

3337. Boarmia suasaria.

Boarmia suasaria, Guén., Phal. i, 243, 363, (1857).
—————— Walker, Cat. Lep. Het. B. M, xxi, p. 370, (1860).
India.

3338. Boarmia trikotaria.

Boarmia trikotaria, Felder & R. Reise, Novara, pl. 126, fig. 10, ♂, (1874).
Himalayas.
Allied to *B. repandaria*, Linn., of Europe.

3339. Boarmia trispinaria.

Boarmia trispinaria, Walker, Cat. Lep. Het. B. M. xxi, p. 378, (1860).
—————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
I. M., Sikkim, Mergui, Kulu (Young).
Collection Swinhoe, India.

3340. Boarmia vicaria.

Boarmia vicaria, Walker, Cat. Lep. Het. B. M. xxi, p. 371, (1860).
——————Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Sylhet.

Genus **Alcis.**

3341. Alcis sikkima.

Alcis sikkima, Moore, Descr. Ind. Lep. Atk., p. 242, (1887).
Darjiling.

3342. Alcis vagans.

Alcis vagans, Moore, Descr. Ind. Lep. Atk., p. 242, pl. 8, fig. 16, (1887).
Darjiling.

3343. Alcis vicina.

Alcis vicina, Moore, Descr. Ind. Lep. Atk., p. 243, (1887).
Darjiling.

Genus **Burichura.**

3344. Burichura imparata.

Boarmia imparata, Walker, Cat. Lep. Het. B. M. xxi, p. 372, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Burichura imparata, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).
Collection Swinhoe, Sikkim.
Also recorded from Nepal.

Genus **Pseudangerona.**

3345. Pseudangerona separata.

Boarmia separata, Walker, Cat. Lep. Het. B. M. xxi, p. 381, (1860).
Pseudangerona separata, Moore, Lep. Ceyl. iii, p. 414, pl. 202, fig. 8, (1887).
Boarmia retractaria, Walker, *loc. cit.* xxi, p. 386, (1860).
Boarmia intectaria, Walker, *loc. cit.* xxvi, p. 1535, (1862).
India, Ceylon.

Genus **Catoria.**

3346. Catoria olivescens.

Catoria olivescens, Moore, Descr. Lep. Col. Atk., p. 244, (1887).
Darjiling.

3347. Catoria procursaria.

Boarmia procursaria, Walker, Cat. Lep. Het. B. M. xxi, p. 375, (1860).
Catoria procursaria, Moore, Lep. Ceyl. iii, p. 415, pl. 191, fig. 3, (1887).
India, Ceylon.

3348. Catoria sublavaria.

Boarmia sublavaria, Guén, Phal. i, p. 256, 393, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 378, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Catoria sublavaria, Moore, Lep. Ceyl. iii, p. 414, pl. 190, figs. 2, 2*a*, (1887).
I. M., Sibsaghar (Peal).
Collection Swinhoe, Sylhet, Ceylon.

Genus **Chogada.**

3349. CHOGADA ALIENARIA.

Boarmia alienaria, Walker, Cat. Lep. Het. B. M., xxi, p. 370, ♂, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Chogada alienaria, Moore, Lep. Ceyl. iii, p. 415, pl. 191, figs. 1, 1*a*, *b*, (1887).
Boarmia gelidaria, Walker, *loc. cit.* xxvi, p. 1537, ♀, (1862).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.

I. M., Sikkim (purchased), Sibsaghar, Andaman Islands (purchased).
Collection Swinhoe, Bombay, Poona, Khandalla, Sylhet.

3350. CHOGADA FRATERNA.

Chogada fraterna, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).
Darjiling.

3351. CHOGADA INJECTARIA.

Boarmia injectaria, Walker, Cat. Lep. Het. B. M., xxi, p. 376, ♀, (1860).
Chogada injectaria, Moore, Lep. Ceyl. iii, p 416, (1887).
Boarmia sublectaria, Walker, *loc. cit.* xxvi, p. 1535, ♂, (1862).
Ceylon.

Genus **Amraca.**

3352. AMRACA FORTISSIMA.

Amraca fortissima, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).
Darjiling.

Genus **Serraca.**

3353. SERRACA TRANSCISSA.

Boarmia transcissa, Walker, Cat. Lep. Het. B. M. xxi, p. 380, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Serraca transcissa, Moore, Lep. Ceyl. iii, p. 416, pl. 190, figs. 3, 3*a*, (1887).

I. M., Sibsaghar (Peal), Sikkim.
Collection Swinhoe, Sibsaghar.

Genus **Astacuda.**

3354. ASTACUDA AMPLA.

Astacuda ampla, Moore, Descr. Ind. Lep. Atk., p. 244, (1887).
Cherrapunji.

3355. ASTACUDA CINERACEA.

Astacuda cineracea, Moore, Descr. Ind. Lep. Atk., p. 244, (1887).
Darjiling.

Genus **Lassaba.**

3356. LASSABA CONTAMINATA.

Lassaba contaminata, Moore, Descr. Ind. Lep. Atk., p. 246, (1887).
Darjiling.

Genus **Darisa.**

3357. DARISA MAXIMA.

Darisa maxima, Moore, Descr. Ind. Lep. Atk., p. 243, (1887).
Darjiling.

3358. DARISA MUCIDARIA.

Boarmia mucidaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1581, (1866).
Tephrosia mucidaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
I. M., Sikkim.

Genus **Tephrosia.**

3359. TEPHROSIA DENTILINEATA.

Tephrosia dentilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
I. M., Andaman Islands (purchased).
Collection Swinhoe, Solun, Sikkim, Khandalla.

Genus **Hirasa.**

3360. HIRASA CONTUBERNALIS.

Hirasa contubernalis, Moore, Descr. Ind. Lep. Atk., p. 238, (1887).
Khasi Hills.

3361. HIRASA SCRIPTURARIA.

Tephrosia scripturaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1590, (1866).
Tephrosia scriptaria (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
Hirasa scripturaria, Moore, Descr. Ind. Lep. Atk., p. 238, (1887).
I. M., Sikkim, Kulu (Young), N. Khasi Hills, Mergui (Anderson).
Collection Swinhoe, Khasi Hills, Darjiling.

Genus **Bylazora.**

3362. BYLAZORA CEYLONICA.

Bylazora ceylonica, Moore, Lep. Ceyl. iii, p. 417, pl. 193, figs. 4, 4*a*, ♂, ♀, (1887).
Collection Swinhoe, Ceylon.

3363. BYLAZORA LICHENIFERATA.

Bylazora licheniferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1550, (1862).
Collection Swinhoe, Nilgiri Hills.

3364. Bylazora pilicostata.

Scotosia pilicostata, Walker, Cat. Lep. Het. B. M. xxv, p. 1355, (1862).

Collection Swinhoe, Nilgiri Hills.

Genus **Ophthalmodes.**

3365. Ophthalmodes (?) caritaria.

Boarmia caritaria, Walker, Cat. Lep. Het. B. M. xxi, p. 489, (1860).
Ophthalmodes (?) *caritaria*, Moore, Lep. Ceyl. iii, p. 418, (1887).

Ceylon.

3366. Ophthalmodes diurnaria.

Ophthalmodes diurnaria, Guén., Phal. i, p. 284, 454, (1857).
———————— Walker, Cat. Lep. Het. B. M. xxi, p. 447, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
Boarmia pertusaria, Felder & R. Reise, Novara, pl. 125, fig. 17, ♂, (1874).

I. M., Sikkim (purchased, also Barnes), Kulu (Young).
Collection Swinhoe, Solun, Sylhet.

3367. Ophthalmodes herbidaria.

Ophthalmodes herbidaria, Guén., Phal. i, 283, 453, (1857).
———————— Walker, Cat. Lep. Het. B. M. xxi, p. 446, (1860).
———————— Moore, Lep. Ceyl. iii, p. 417, pl. 191, fig. 4, ♀, (1887).

Sylhet, Ceylon.

3368. Ophthalmodes infusaria.

Ophthalmodes infusaria, Walker, Cat. Lep. Het. B. M. xxi, p. 448, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
———————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 65, pl. 116, fig. 6, (1886).

Sylhet.

3369. Ophthalmodes mundata.

Ophthalmodes mundata, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 97.

Benares.

Genus **Racotis.**

3370. Racotis boarmiaria.

Hypochroma boarmiaria, Guén., Phal. i, 282, 451, (1857).
———————— Walker, Cat. Lep. Het. B. M. xxi, p. 436, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
Racotis boarmiaria, Moore, Lep. Ceyl. iii, p. 418, pl. 192, figs. 3, 3*a*, *b*, (1887).
Boarmia inconclusa, Walker, *loc. cit.* xxi, p. 382, (1860).

I. M., Sikkim (purchased, also Barnes), Shillong.
Collection Swinhoe, Darjiling.

Genus **Dindica.**

3371. DINDICA BASIFLAVATA.

Hypochroma basiflavata, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
Dindica basiflavata, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).
I. M., Sikkim (purchased, also Barnes).

3372. DINDICA CROCINA.

Hypochroma crocina, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 126.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 63, pl. 116, fig. 2, (1886).
I. M., Sikkim (purchased).

3373. DINDICA LEOPARDINATA.

Hypochroma leopardinata, Moore, Proc. Zool. Soc. Lond. 1867, p. 634.
Dindica leopardinata, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).
Bengal.

Genus **Pingasa.**

3374. PINGASA APICALIS.

Pingasa apicalis, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).
Darjiling.

3375. PINGASA COSTISTRIGARIA.

Hypochroma costistrigaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.
Bengal.

3376. PINGASA CRENARIA.

Hypochroma crenaria, Guén., Phal. i, p. 278, 441, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.
Pingasa crenaria, Moore, Lep. Ceyl. iii, p. 419, pl. 192, figs. 1, 1*a*, *b*, (1887).
Collection Swinhoe, Bombay, Ceylon.

3377. PINGASA IRRORATARIA.

Hypochroma irrorataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
I. M., Sikkim (purchased).

3378. PINGASA LEUCOSTIGMARIA.

Boarmia leucostigmaria, Neitner, Obs. Enemies of Coffee Tree, p. 23,(1861).*
Pingasa leucostigmaria, Moore, Lep. Ceyl. iii, p. 420, (1887).
Ceylon.

3379. Pingasa minimaria.

Hypochroma minimaria, Guén., Phal. i, 279, 443, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 433, (1860).
Pingasa minimaria, Moore, Lep. Ceyl. iii, p. 420, pl. 192, fig. 2, (1887).
Hypochroma parvula, Walker, *loc. cit.* xxi, p. 435, (1860).
Ceylon, India.

3380. Pingasa rufofasciata.

Pingasa rufofasciata, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).
Collection Swinhoe, Sikkim.

3381. Pingasa ruginaria.

Hypochroma ruginaria, Guén., Phal. i, 278, 442, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).
I. M., Sikkim (purchased, also Barnes), Sibsaghar, Ranchi, (Irvine).
Collection Swinhoe, Sylhet.
Also recorded from Borneo.

3382. Pingasa similis.

Pingasa similis, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).
Collection Swinhoe, Sibsaghar.

3383. Pingasa vigens.

Hypochroma vigens. Butler Ann. Nat. Hist. (5) vi, p. 127, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 63, pl. 116, fig. 3, (1886).

Genus **Hypochroma**.

3384. Hypochroma dispensata.

Hypochroma dispensata, Walker, Cat. Lep. Het. B. M. xxi, p. 435, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
——————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 416.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, 1885, p. 853, and 1886, p. 454.
Collection Swinhoe, Mhow, Karachi, Bombay, Poona.

3385. Hypochroma distenta.

Hypochroma distenta, Walker, Cat. Lep. Het. B. M. xxi, p. 434, (1860).
Collection Swinhoe, Sylhet.

3386. Hypochroma muscicoloraria.

Hypochroma muscicoloraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1543, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 64, pl. 116, fig. 4, (1886).
I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.

3387. Hypochroma nyctemerata.

Hypochroma nyctemerata, Walker, Cat. Lep. Het. B. M. xxi, p. 444, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Bengal.
Allied to *H. ruginaria*.

3388. Hypochroma perfectaria.

Hypochroma perfectaria, Walker, Cat. Lep. Het. B. M. xxi, p. 434, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 621.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.
Hypochroma nyctemerata, Walker, *loc. cit.* xxvi, p. 1543, ♀, *nec* xxi, p. 444.

Collection Swinhoe, Poona.
Also recorded from Andaman Islands.

3389. Hypochroma polyphænaria.

Hypochroma polyphænaria, Guén., Phal. i, 280, 446, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 436, (1860).

Collection Swinhoe, Sikkim.

3390. Hypochroma pseudoterpnaria.

Hypochroma pseudoterpnaria, Guén., Phal. i, p. 276, 436, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 431, (1860).
——————— Moore, 2nd Yarkand Miss., Calcutta, (1879), p. 14.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

I. M., Yarkand (2nd Yarkand Mission, Stoliczka).
Collection Swinhoe, Solun, Karachi.

3391. Hypochroma sphagnata.

Hypochroma sphagnata, Felder & R. Reise, Novara, pl. 125, fig. 2, ♂, (1874).

Darjiling.
Allied to *H. muscicoloraria*.

3392. Hypochroma tephrosiaria.

Hypochroma tephrosiaria, Guén., Phal. i, 277, 437, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).

India.

3393. Hypochroma varicoloraria.

Hypochroma varicoloraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.

Bengal.

3394. Hypochroma viridaria.

Hypochroma viridaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
Bengal.

Genus **Pachyodes.**

3395. Pachyodes hæmataria.

Terpna hæmataria, Herr. Sch., Exot. Sch., figs. 205, 206, (1850-69).
Pachyodes hæmataria, Walker, Cat. Lep. Het. B. M. xxi, p. 445, (1860).
Pachyodes almaria, Guén., Phal. i, 282, 452, (1857).
I. M., Sikkim (purchased), Sibsaghar (Peal).
Collection Swinhoe, Assam.

3396. Pachyodes ornataria.

Pachyodes ornataria, Moore, Descr. Ind. Lep. Atk., p. 249, (1887).
Cherrapunji, Darjiling.

3397. Pachyodes pictaria.

Pachyodes pictaria, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).
Darjiling.

Genus **Elphos.**

3398. Elphos hymenaria.

Elphos hymenaria, Guén., Phal. i, p. 285, 456, pl. 16, fig. 4, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 449, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
——————— Lep. Ceyl. iii, p. 420, pl. 193, fig. 1, ♂, (1887).
I. M., Sikkim (purchased), Mussourie (Templeton), N. Khasi Hills (A. W. Chennel), Sibsaghar.
Collection Swinhoe, Sikkim, Pegu.

3399. Elphos pardicelata.

Elphos pardicelata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1544, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 65, pl. 116, fig. 7, (1886).
Collection Swinhoe, Sikkim.
Allied to *E. hymenaria*.

3400. Elphos scolopaiea.

Phalæna (*Noctua*) *scolopaiea*, Drury, Exot. Ins. ii, pl. 22, fig. 1, App. ii, (1773).
Alcis scolopacea, Westwood, Ed. Drury, ii, 40, pl. 22, fig. 1, (1837).*
——————— Duncan, Nat. Libr. xxxvii, 218, pl. 27, fig. 2.
Bronchelia scolopacea, Walker, Cat. Lep. Het. B. M. xxi, p. 453, (1860).
Elphos scolopaica, Moore, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, p. 237, (1884).
I. M., Sibsaghar, Sylhet, Cachar, Buxar (Moti Ram).
Allied to *E. hymenaria*.

Genus **Amblychia.**

3401. AMBLYCHIA ANGERONARIA.

Amblychia angeronaria, Guén., Phal. i, 215, 319, pl. 4, fig. 9, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 313, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

I. M., Sikkim (purchased, also Barnes), Sibsaghar (Peal), Buxar, (Moti Ram).
Collection Swinhoe, Sylhet.

3402. AMBLYCHIA TORRIDA.

Amblychia torrida, Moore, Proc. Zool. Soc. Lond. 1877, p. 621.

Andaman Islands.

Genus **Gnophos.**

3403. GNOPHOS ACCIPITRARIA.

Gnophos accipitraria, Guén., Phal. i, 300, 476, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).

Collection Swinhoe, Solun.

3404. GNOPHOS ÆREUS.

Gnophos æreus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 128.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 9, (1886).

Darjiling.
Allied to *G. muscosaria*.

3405. GNOPHOS COMPARATARIA.

Boarmia comparataria, Walker, Cat. Lep. Het B. M. xxxv, p. 1582, (1866).
Tephrosia comparataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

I. M., Kulu (Young).
Collection Swinhoe, Darjiling.

3406. GNOPHOS DISPUNCTATA.

Gnophos dispunctata, Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 389.

I. M., Mussourie (Templeton), Kulu (Young), Shillong, Sibsaghar (Peal).
Collection Swinhoe, Solun, Thundiani, Kala Pani (Punjab).

3407. GNOPHOS EOLARIA.

Gnophos eolaria, Guén., Phal. i, 294, 466, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 468, (1860).

N. India.

3408. GNOPHOS GRANITARIA.

Gnophos granitaria, Moore, Descr. Ind. Lep. Atk., p. 246, (1887).

Darjiling.

3409. Gnophos miscellaria.

Gnophos miscellaria, Guén., Phal. i, 297, 470, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).

India, Australia.

3410. Gnophos mucidaria.

Geometra mucidaria, Hübn., Geom., pl. 28, fig. 148, (1805-24).*
Hyposcotis mucidaria, Hübn., Verz Schm., 314, 3034, (1816).
Gnophos mucidaria, Treit, Schm. v, 182, 13.*
——————— Dup., Lep. v, 218, pl. 186, fig. 5.*
——————— Boisd., Ind. 200, 1593.*
——————— Herr. Schoeff., Eur. Schm. iii, 75, 194, pl. 44, figs. 266-68, (1850-69).*
——————— Guén., Phal. i, 297, 472, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxi, p. 461, (1860).
Gnophos variegata, Dup., Lep., pl. 185, fig. 8, (1830).*
——————— Bruand, Ann. Soc. Ent. Fr. 1843, 249, pl. 10No. 11.

Collection Swinhoe, Sikkim.
Also recorded from Europe.

3411. Gnophos muscosaria.

Gnophos muscosaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1596, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 10, (1886).

I. M., Sikkim.

3412. Gnophos obtectaria.

Gnophos obtectaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1597, (1866).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 635.
——————— 2nd Yarkand Mission Calc. (1879), p. 14.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 389.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 8, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Cashmir, Thundiani (Punjab), Lahore, Darjiling.

3413. Gnophos pærlita.

Gnophos (?) *pærlita*, Butler, Proc. Zool. Soc. Lond. 1886, p. 389.

Kala Pani (Punjab).

3414. Gnophos paganata.

Scotopteryx paganata, Felder & R. Reise, Novara, pl. 125, fig. 9, ♂, (1874).

India.

3415. Gnophos stoliczkaria.

Gnophos stoliczkaria, Moore, Ann. Nat. Hist. (5), 1, (1878), p. 235.
——————— 2nd Yarkand Mission Calc. (1879), p. 14, pl. 1, fig. 22.

I. M., Yarkand (type, Stoliczka).

3416. Gnophos tenobrosaria.

Hypochroma tenebrosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.

I. M., Kulu (Young).
Collection Swinhoe, Kasauli.

3417. Gnophos tephrosaria.

Gnophos tephrosaria, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).

Darjiling.

3418. Gnophos usneata.

Scotopteryx (?) *usneata*, Felder & R. Reise, Novara, pl. 125, fig. 12, ♀, (1874).

I. M., Sikkim (purchased).

3419. Gnophos ventraria.

Gnophos ventraria, Guén., Phal. i, 294, 467, (1857).
———————. Walker, Cat. Lep. Het. B. M. xxi, p. 468, (1860).

Sylhet.

3420. Gnophos vitreata.

Scotosia vitreata, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
Gnophos vitreata, Butler, Proc. Zool. Soc. Lond. 1886, p. 390.

Collection Swinhoe, Darjiling.
Also recorded from the Punjab.

Genus **Petelia.**

3421. Petelia fasciata.

Bargosa fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 634, pl. 32, fig. 8.
Petelia fasciata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Bombay, Poona, Khandalla, Calcutta.

3422. Petelia medardaria.

Petelia medardaria, Herr Sch., Exot Schm., pl. 94, fig. 534, (1850-69).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854, and 1886, p. 454.
Tephrina (?) *medardaria*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1659, (1862).
Bargosa chacoraca, Walker, *loc. cit.* xxi, p. 481, (1860).
Bargosa chandubija, Walker, *loc. cit.* xxi, p 480, (1860).
Bargosa distracta, Walker, *loc. cit.* xxi, p. 481, (1860).
Ephyra (?) *strigulataria*, Walker, *loc. cit.* xxvi, p. 1575, (1862).

I. M., Bombay (Swinhoe).
Collection Swinhoe, Mhow, Bombay, Poona, Belgaum.

Genus **Alana.**

3423. ALANA VEXILLARIA.

Pachydia vexillaria, Guén., Phal. ii, p. 138, 1147, (1857).
———————— Walker, Cat. Lep. Het. B. M. xxiii, p. 1020, (1861).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.
Alana vexilliaria, Moore, Lep. Ceyl. iii, p. 397, pl. 193, fig. 3, ♀, (1887).
Pachydia capitata, Walker, *loc. cit.*, xxiii, p. 1019, ♀, (1860).
Alana rubiginata, Walker, *loc. cit.* xxxv, p. 1568, ♀, (1866).

Collection Swinhoe, Bombay, Poona.
Also recorded from Borneo.

Genus **Sabaria.**

3424. SABARIA CONTRACTARIA.

Sabaria contractaria, Walker, Cat. Lep. Het. B. M. xxi, p. 492, (1860).
———————— Moore, Lep. Ceyl. iii, p. 397, (1887).

Ceylon.

Genus **Psyra.**

3425. PSYRA ANGULIFERA.

Scotosia angulifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1687, (1866).
Psyra angulifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 659.

I. M., India.
Collection Swinhoe, Darjiling.

3426. PSYRA CUNEATA.

Psyra cuneata, Walker, Cat. Lep. Het. B. M. xxi, p. 483, (1860).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 659.

Bengal.

3427. PSYRA SIMILARIA.

Psyra similaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 659, pl. 33, fig. 1.

I. M., Khasi Hills, Sikkim.
Collection Swinhoe, Darjiling.

FAMILY GEOMETRIDÆ.

Genus **Loxochila.**

3428. LOXOCHILA MUTANS.

Loxochila mutans, Butler, Proc. Zool. Soc. Lond. 1881, p. 615.

Collection Swinhoe, Solun, Nilgiri Hills.

3429. LOXOCHILA SMARAGDUS.

Tanaorhinus smaragdus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 128.
Loxochila smaragdus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 69, pl. 117, fig. 5, (1886).

N.-E. Himalayas.

Genus **Geometra**

3430. GEOMETRA ALBOVIRIDIS.

Geometra alboviridis, Moore, Proc. Zool. Soc. Lond. 1872, p. 581, pl. 34, fig. 3.

N. India.

3431. GEOMETRA APERTA.

Geometra aperta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 7.

Collection Swinhoe, Bombay, Nilgiri Hills.

3432. GEOMETRA AVICULARIA.

Geometra avicularia, Guén., Phal. i, p. 342, 526, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 514, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
Geometra pennisignata, Walker, *loc. cit.* xxii, p. 516, (1861).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling.

3433. GEOMETRA BISERIATA.

Geometra biseriata, Moore, Descr. Ind. Lep. Atk., p. 249, (1887).

Darjiling.

3434. GEOMETRA CUNEILINEA.

Geometra cuneilinea, Walker, Cat. Lep. Het. B. M. xxvi, p. 1752, (1862).

India.

3435. GEOMETRA DENTISIGNATA.

Geometra dentisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Darjiling.
Allied to *G. haliaria*.

3436. GEOMETRA DETENTA.

Geometra detenta, Walker, Cat. Lep. Het. B. M. xxii, p. 518, (1861).
Geometra dentata (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Nepal.

3437. GEOMETRA DISCISSA.

Geometra discissa, Walker, Cat. Lep. Het. B. M. xxii, p. 517, (1861).

N. India.

3438. GEOMETRA DISPARTITA.

Geometra dispartita, Walker, Cat. Lep Het. B. M. xxii, p. 520, (1861).
——————— Moore, 2nd Yarkand Mission Calc. (1879), p. 15.

Yarkand, India.

3439. GEOMETRA DISSESSA.

Geometra dissessa, Walker, Cat. Lep. Het. B. M. xxii, p. 521, (1861).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.

Collection Swinhoe, Poona.

3440. GEOMETRA GONIARIA.

Timandra goniaria, Felder & R. Reise, Novara, pl. 128, fig. 3, ♀, (1874).

Collection Swinhoe, Khandalla, Alibagh.

3441. GEOMETRA GRATA.

Geometra grata, Butler, Ann. Nat. Hist. (5), vi, p. 129, (1880).
———————— Ill. Typ. Lep. Het. B. M. vi, p. 69, pl. 117, fig. 6, (1886).

Darjiling.
Allied to *G. dentisignata*.

3442. GEOMETRA HALIARIA.

Geometra haliaria, Walker, Cat. Lep. Het. B. M., xxii, p. 518, (1861).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
———————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 70, pl. 117, fig. 7, (1886).
Geometra decoraria, Walker, *loc. cit.* xxxv, p. 1601, (1866).

I. M., Sikkim (purchased, also Barnes).
Collection Swinhoe, Darjiling.

3443. GEOMETRA LINEATA.

Geometra lineata, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 34, fig. 2.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

3444. GEOMETRA SPECULARIA.

Geometra specularia, Guén., Phal. i, 342, 525, (1857).
———————— Walker, Cat. Lep. Het. B. M. xxii, p. 514, (1861), and xxvi, p. 1555, (1862).
———————— Moore, Lep. Ceyl. iii, p. 425, pl. 194, figs. 1, 1*a*, ♀, (1887).

I. M., Wynaad.
Collection Swinhoe, Sylhet, Ceylon.

3445. GEOMETRA TUMIDILINEA.

Geometra tumidilinea, Moore, Descr. Ind. Lep. Atk., p. 249, (1887).

Darjiling.

3446. GEOMETRA VITTATA.

Geometra vittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
———————— Waterhouse, Aid, pl. 151, fig. 5, (1884).*

I. M., Sikkim (purchased).
Collection Swinhoe, Solun, Sikkim, Kulu.

Genus **Tanaorhinus.**

3447. TANAORHINUS DIMISSA.

Geometra dimissa, Walker, Cat. Lep. Het. B. M. xxii, p. 516, (1861).
Tanaorhinus dimissus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 68, pl. 117, fig. 3, (1886).

Collection Swinhoe, Solun.

3448. TANAORHINUS RECIPROCATA.

Geometra reciprocata, Walker, Cat. Lep. Het. B. M. xxii, p. 515, (1861).
Tanaorhinus reciprocatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 68, pl. 117, fig. 4, (1886).

Himalayas.

3449. TANAORHINUS VIRIDILUTEATA.

Geometra viridiluteata, Walker, Cat. Lep. Het. B. M. xxii, p. 515, (1861),
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
Tanaorhinus viridiluteatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 67, pl. 117, fig. 2, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Maxates.**

3450. MAXATES CŒLATARIA.

Thalassodes cœlataria, Walker, Cat. Lep. Het. B. M. xxii, p. 552, (1861).
——————— Moore, Proc. Zool. Soc. Lond. (1867), p. 637, and 1877, p. 621.
Maxates cœlataria, Moore, Lep. Ceyl. iii, p. 436, pl. 196, figs. 2, 2*a*, (1887).

I. M., Sikkim (Barnes).
Collection Swinhoe, Darjiling, North Kanara.

Genus **Thalassodes.**

3451. THALASSODES BIFASCIATA.

Thalassodes bifasciata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1562, (1862).
Thalera bifasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

3452. THALASSODES (?) CHLOROZONARIA.

Thalassodes chlorozonaria, Walker, Cat. Lep. Het. B. M. xxii, p. 554, (1861).
——————— Moore, Lep. Ceyl. iii, p. 427, (1887).

Ceylon.

3453. THALASSODES DISSEPTA.

Thalassodes dissepta, Walker, Cat. Lep. Het. B. M. xxii, p. 550, (1861).

India.

3454. Thalassodes dissimulata.

Thalassodes dissimulata, Walker, Cat. Lep. Het. B. M. xxii, p. 551, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

India.

3455. Thalassodes distinctaria.

Thalassodes distinctaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1607, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
——————— Butler, Ill. Typ. Lep. Het. B.M. vi, p. 70, pl. 117, fig. 8, (1886).

Collection Swinhoe, Sikkim.

3456. Thalassodes fimbriaria.

Thalassodes fimbriaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 97.

Benares.

3457. Thalassodes glaucaria.

Thalera glaucaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1613, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
Thalassodes glaucaria, Butler, Ann. Nat. Hist. (5) vi, p. 215, (1880).

Collection Swinhoe, Sikkim.
Allied to *T. bifasciata*.

3458. Thalassodes immissaria.

Thalassodes immissaria, Walker, Cat. Lep. Het. B. M. xxii, p. 553, (1861).
——————— Moore, Lep. Ceyl. iii, p. 426, (1887).

Ceylon.

3459. Thalassodes inaptaria.

Thalassodes inaptaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1560, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

3460. Thalassodes indeterminata.

Thalassodes indeterminata, Walker, Char. Undescr. Lep. Het. London, p. 98, (1869).

Benares.

3461. Thalassodes leucospilota.

Thalassodes leucospilota, Moore, Lep. Ceyl. iii, p. 427, pl. 194, fig. 4, ♂, (1887).

Ceylon.

3462. Thalassodes lunifera.

Thalassodes lunifera, Moore, Descr. Ind. Lep. Atk., p. 250, (1887).

Cherrapunji.

3463. Thalassodes macariata.

Thalassodes macariata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1562, (1862).
———————, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Collection Swinhoe, Sylhet.

3464. Thalassodes macruraria.

Thalassodes macruraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1561, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Collection Swinhoe, Khandalla.

3465. Thalassodes nanda.

Thalassodes nanda, Walker, Cat. Lep. Het. B. M. xxii, p. 552, (1861).
——————— Moore, Lep. Ceyl. iii, p. 427, (1887).

Ceylon.

3466. Thalassodes opalina.

Thalassodes opalina, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 214.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 70, pl. 117, fig. 9, (1886).
——————— Proc. Zool. Soc. Lond. 1886, p. 390.

Darjiling, Murree.

3467. Thalassodes ophthalmicata.

Thalassodes ophthalmicata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Bengal.

3468. Thalassodes palliplagiata.

Thalassodes palliplagiata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1563, (1862).

India.

3469. Thalassodes quadraria.

Thalassodes quadraria, Guén., Phal. i, 360, 564, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 549, (1861).
Geometra dissita, Walker, *loc. cit.* xxii, p. 519, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.
Thalassodes dissita, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
——————— Lep. Ceyl. iii, p. 426, pl. 194, figs. 2, 2*a*, ♀, (1887).

I. M., Kulu (Young).
Collection Swinhoe, Bombay, Poona, Sikkim.

3470. Thalassodes rubrolimbraria.

Amaurinia rubrolimbraria, Guén., Phal. i, 386, 618, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 603, (1861).
Thalassodes rubrolimbraria, Moore, Lep. Ceyl. iii, p. 427, pl. 195, fig. 5, (1887).
Thalassodes diserta, Walker, *loc. cit.* xxii, p. 553, ♀, (1861).
Thalassodes simpliciaria, Walker, *loc. cit.* xxii, p. 553, (1861).

Ceylon.

3471. Thalassodes sinuata.

Thalassodes sinuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Bengal.

3472. Thalassodes sisunaga.

Thalassodes sisunaga, Walker, Cat. Lep. Het. B. M. xxii, p. 550, (1861).

India.

3473. Thalassodes urapteraria.

Thalassodes urapteraria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1608, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

Genus **Thalera.**

3474. Thalera albannularia.

Thalassodes albannularia, Walker, Cat. Lep. Het. B. M. xxii, p. 554, (1861).
Thalera albannularia, Moore, Lep. Ceyl. iii, p. 429, (1887).

Ceylon.

3475. Thalera acutissima.

Thalera acutissima, Walker, Cat. Lep. Het. B. M. xxii, p. 596, (1861).
——————— Moore, Lep. Ceyl. iii, p. 428, pl. 196, p. 7, (1887).

Ceylon.

3476. Thalera argutaria.

Thalera argutaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1614, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Collection Swinhoe, Darjiling.

3477. Thalera costipunctata.

Thalera costipunctata, Moore, Lep. Ceyl. iii, p. 428, pl. 195, fig. 4, (1887).

Ceylon.

3478. Thalera diatomata.

Timandra (?) diatomata, Walker, Cat. Lep. Het. B.M., xxvi, p. 1616, (1862).
Thalera diatomata, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.
Timandra diatomaria (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854, and 1886, p. 454.

Collection Swinhoe, Nilgiri Hills, Mhow, Karachi, Mirzapore, Poona.

3479. Thalera dirempta.

Thalera dirempta, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).

India.

3480. Thalera disjuncta.

Thalera disjuncta, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).
——————— Moore, Lep. Ceyl. iii, p. 429, pl. 196, fig. 5, (1887).

Collection Swinhoe, North Kanara.
Also recorded from Ceylon.

3481. Thalera flavifusata.

Thalera flavifusata, Walker, Cat. Lep. Het. B. M. xxii, p. 596, (1861).
——————— Moore, Lep. Ceyl. iii, p. 428, pl. 191, figs. 3, 3*a*, ♂. (1887).

Ceylon.

3482. Thalera læsaria.

Iodis læsaria, Walker, Cat. Lep. Het. B. M. xxii, p. 544, (1861).
Thalera læsaria, Moore, Lep. Ceyl. iii., p. 429, (1887).

Ceylon.

3483. Thalera meritaria.

Geometra meritaria, Walker, Cat. Lep. Het. B. M. xxii, p. 522, (1861).
Thalera meritaria, Moore, Lep. Ceyl. iii, p. 429, (1887).

Ceylon.

3484. Thalera obnupta.

Thalera obnupta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 9.

Collection Swinhoe, Bombay, Alibagh.

3485. Thalera robustaria.

Hemithea robustaria, Guén., Phal. i, 383, 613, (1857).
Thalera robustaria, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).

India.

3486. Thalera (?) subtractata.

Thalera (?) subtractata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1753, (1862).

India.

Genus **Nemoria**.

3487. Nemoria carnifrons.

Nemoria carnifrons, Butler, Proc. Zool. Soc. Lond. 1883, p. 169.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 454.

Collection Swinhoe, Mhow.

3488. Nemoria caudularia.

Nemoria caudularia, Guén., Phal. i, 349, 541, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 534, (1861).

N. India.

3489. Nemoria (?) directa.

Nemoria (?) directa, Walker, Cat. Lep. Het. B. M. xxii, p. 535, (1861).

India.

3490. Nemoria flavifrontaria.

Nemoria flavifrontaria, Guén., Phal. i, 346, 533, (1857).
———————— Walker, Cat. Lep. Het. B. M. xxii, p. 634, (1861).

India.

3191. Nemoria frequens.

Nemoria frequens, Butler, Proc. Zool. Soc. Lond. 1881, p. 616.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526; 1885, p. 854; and 1886, p. 454.

I. M., Andaman Islands (purchased), Karachi (Karachi Museum).
Collection Swinhoe, Mhow, Karachi, Poona.

3492. Nemoria parvulata.

Nemoria parvulata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1559, (1862).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Kutch, Karachi, Poona.

3493. Nemoria pruinosa.

Nemoria pruinosa, Butler, Ann. Nat. Hist. (1880), (5) v, p. 224.
———————— Proc. Zool. Soc. Lond. 1881, p. 616; and 1883, p. 169.
———————— Swinhoe, Proc. Zool Soc. Lond. 1884, p. 526.

I. M., Karachi.

Collection Swinhoe, Karachi.

3494. Nemoria solidaria.

Nemoria solidaria, Guén., Phal. i, 348, 538, (1857).
—— ———————— Walker, Cat. Lep. Het. B. M. xxii, p. 535, (1861).
———————— Moore, Lep. Ceyl. iii, p. 431, (1887).
Iodis discessa, Walker, *loc. cit.* xxii, p. 544, ♀, (1861).
Nemoria lataria, Walker, *loc. cit.* xxvi, p. 1558, (1862).

Ceylon.

3195. Nemoria viata.

Nemoria viata, Moore, Lep. Ceyl. iii, p. 431, pl. 195, fig. 6, ♀, (1887).

Ceylon.

Genus **Berta**.

3496. Berta chrysolineata.

Berta chrysolineata, Walker, Cat. Lep. Het. E. M. xxvi, p. 1621, (1862).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
———————— —— Lep. Ceyl. iii, p. 435, pl. 196, fig. 4, (1887).

Kanara, Ceylon, Bengal.

3497. Berta gavissima.

Comibæna gavissima, Walker, Cat. Lep. Het. B. M. xxii, p. 575, (1861).
Berta gavissima, Moore, Lep. Ceyl. iii, p. 435, pl. 196, fig. 6, ♂, (1887).

Collection Swinhoe, Solun.
Also recorded from Ceylon.

Genus **Comibæna.**

3498. Comibæna biplagiata.

Comibæna biplagiata, Moore, Lep. Ceyl. iii, p. 435, (1887).

Ceylon.

3499. Comibæna cassidaria.

Phorodesma cassidaria, Guén., Phal. i, 370, 589, (1857).
Comibæna cassidaria, Walker, Cat. Lep. Het. B. M. xxii, p. 572, (1861).

India.

3500. Comibæna chalybeata.

Comibæna chalybeata, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Darjiling.

3501. Comibæna devexata.

Comibæna devexata, Walker, Cat. Lep. Het. B. M. xxii, p. 573, (1861).
——————— Moore, Lep. Ceyl. iii, p. 433 (note), pl. 197, fig. 5, (1887).

India.

3502. Comibæna dispansa.

Comibæna dispansa, Walker, Cat. Lep. Het. B. M. xxii, p. 574, (1861).
——————— Moore, Lep. Ceyl. iii, p. 433, (1887).

Ceylon.

3503. Comibæna divapala.

Comibæna divapala, Walker, Cat. Lep. Het. B. M. xxii, p. 575, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
——————— Lep. Ceyl. iii, p. 434, pl. 195, figs. 2, 2*a*, (1887).

Ceylon.

3504. Comibæna fenestraria.

Comibæna fenestraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Bengal.

3505. Comibæna glareosa.

Comibæna glareosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 8.

Collection Swinhoe, Bombay.

3506. Comibæna hyalinata.

Comibæna hyalinata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Bengal.

3507. Comibæna maculata.

Comibæna maculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Bengal.

3508. Comibæna pannosa.

Comibæna pannosa, Moore, Lep. Ceyl. iii. p. 433, pl. 195, figs. 1, 1*a*, *b*, ♂, ♀, (1887).
Comibæna devexata, (*var.*) Walker, Cat. Lep. Het. B. M. xxii, p. 574, (1861).

Ceylon.

3509. Comibæna partita.

Comibæna partita, Walker, Cat. Lep. Het. B. M. xxii, p. 573, (1861).
——————— Butler, Ill. Typ. Lep. Het. B. M., p. 71, pl. 117, fig. 11, (1886).
Comibæna felicitata, Walker, *loc. cit.* xxii, p. 579, (1861).

India, Australia.

3510. Comibæna pictipennis.

Comibæna pictipennis, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 215.
——————— ——————— Ill. Typ. Lep. Het. B. M. vi, p. 72, pl. 117, fig. 12, (1886).

Darjiling.

3511. Comibæna sanguilineata.

Comibæna sanguilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Collection Swinhoe, Sikkim.

3512. Comibæna scutuligera.

Agathia scutuligera, Butler, Ann. Nat. Hist, (5) vi, (1880), p. 216.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 73, pl. 118, fig. 1, (1886).

Darjiling.
Allied to *C. devexata*.

3513. Comibæna semialba.

Thalera semialba, Walker, Cat. Lep. Het. B. M. xxii, p. 601, (1861).
Comibæna semialba, Moore, Lep. Ceyl. iii, p. 434, pl. 196, figs. 1, 1*a*, (1887).

Ceylon, Borneo.

3514. Comibæna textilis.

Thalera textilis, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 219.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 71, pl. 117, fig. 10, (1886).

Darjiling.
Allied to *C. divapala*.

Genus **Zamarada.**

3515. Zamarada translucida.

Zamarada translucida, Moore, Lep. Ceyl. iii, p. 432, pl. 197, fig. 2, ♀, (1887).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Agathia.**

3516. Agathia arcuata.

Agathia arcuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 640.

Bengal.

3517. Agathia beata.

Agathia beata, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 218.
——————— Ill. Typ. Lep. Het. B. M., p. 74, pl. 118, fig. 2, (1886).

Darjiling.
Allied to *A. hemithearia*.

3518. Agathia divaricata.

Agathia (?) divaricata, Moore, Descr. Ind. Lep. Atk., p. 250, pl. 8, fig. 15, (1887).

Cherrapunji.

3519. Agathia hemithearia.

Agathia hemithearia, Guén., Phal. i, 381, 611, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
——————— Lep. Ceyl. iii, p. 438, pl. 197, fig. 3, ♀, (1887).

Sylhet, Ceylon.

3520. Agathia hilarata.

Agathia hilarata, Guén., Phal. i, 381, 612, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Solun, Poona, Bombay, Purundhur.

3521. Agathia intercissa.

Agathia intercissa, Walker, Cat. Lep. Het. B. M. xxii, p. 592, (1861).
———————— Moore, Lep. Ceyl. iii, p. 437, (1887).

Ceylon.

3522. Agathia lætata.

Phalæna lætata, Fabr., Ent. Syst. iii, 2, 164, (1793).
Agathia lætata, Moore, Lep. Ceyl. iii, p. 437, pl. 197, figs. 1, 1*a*, *b*, ♂, ♀, (1887).
Agathia catenaria, Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Collection Swinhoe, India.
Also recorded from Ceylon and Kanara.

3523. Agathia lycænaria.

Geometra lycænaria, Kol., Von Hüg. Kasch. iv, 486, (1848).
Agathia lycænaria, Guén., Phal. i, 380, 610, (1857).
———————— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861); and xxvi, p. 1567, (1862).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
Geometra albiangularia, Herr. Sch., Exot. Schm., pl. 61, fig. 339, (1850-69).
Agathia discriminata, Walker *loc. cit.* xxii, p. 591, (1861), ♀.

I. M., Sikkim, Kulu (Young).
Collection Swinhoe, Solun, Khandalla.
Also recorded from China.

3524. Agathia magnifica.

Agathia magnifica, Moore, Proc. Zool. Soc. Lond. 1879, p. 416.
———————— Lep. Ceyl. iii, p. 438, pl. 197, fig. 4, ♀, (1887).

Ceylon.

3525. Agathia quinaria.

Agathia quinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Bengal.

3526. Agathia visenda.

Agathia visenda, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 218.
———————— Ill. Typ. Lep. Het. B. M. vi, p. 74, pl. 118, fig. 3, (1886).

Darjiling.

Genus **Iodis**.

3527. Iodis detracta.

Geometra detracta, Walker, Cat. Lep. Het. B. M. xxii, p. 521, (1861).
Iodis detracta, Butler, Proc. Zool. Soc. Lond. 1886, p. 390.

Campbellpur (Punjab).

3528. Iodis (?) immacularia.

Phalæna immacularia, Fabr., Ent. Syst. iii, 2, 131, 7, (1793).
Iodis (?) immacularia, Walker, Cat. Lep. Het. B. M. xxii, p. 604, (1861).
Tranquebar.

3529. Iodis indecretata.

Geometra (?) indecretata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1555, (1862).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.
Iodis indecretata, Moore, Lep. Ceyl. iii, p. 430, pl. 194, fig. 5, (1887).
Collection Swinhoe, Poona, Alibagh.

3530. Iodis opalaria.

Iodis opalaria, Guén., Phal. i, 357, 558, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 543, (1861).
India.

3531. Iodis quantula.

Iodes quantula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 6.
Collection Swinhoe, Bombay.

3532. Iodis thalassica.

Iodis thalassica, Moore, Lep. Ceyl. iii, p. 430, pl. 194, fig. 6, (1887).
Ceylon.

3533. Iodis thetydaria.

Iodis thetydaria, Guén., Phal. i, 358, 559, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 543, (1861).
India.

3534. Iodis vivilaca.

Iodis vivilaca, Walker, Cat. Lep. Het. B. M. xxii, p. 544, (1861).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.
———— Moore, Lep. Ceyl. iii, p. 430, pl. 195, fig. 3, ♀, (1887).
I. M., Khandalla (Swinhoe).
Collection Swinhoe, Bombay, Khandalla.

Genus **Chlorodes.**

3535. Chlorodes pastor.

Chlorodes pastor, Butler, Ann. Nat. Hist. (5) vi, p. 216, (1880).
———— Ill. Typ. Lep. Het. B. M. vi, p. 73, pl. 117, fig. 13, (1886).
Darjiling.

Genus **Thetidea.**

3536. Thetidea (?) radiata.

Thetidea (?) radiata, Walker, Cat. Lep. Het. xxvi, p. 1567, (1862).
N. India.

Genus **Eucrostis.**

3537. EUCROSTIS DISPARATA.

Eucrostis disparata, Walker, Cat. Lep. Het. B. M. xxii, p. 567, (1861).
——————— Moore, Lep. Ceyl. iii, p. 432, pl. 196, fig. 3, (1887).
Geometra parvulata, Walker, *loc. cit.* xxvi, p. 1555, (1862).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.

Collection Swinhoe, Bombay, Poona.
Also recorded from Ceylon.

3538. EUCROSTIS PYRRHOGONA.

Eucrostis pyrrhogona, Walker, Cat. Lep. Het. B. M. xxxv, p. 1610, (1866).

S. India.

FAMILY PALYADÆ.

Genus **Eumelia.**

3539. EUMELIA AURELIATA.

Eumelia aureliata, Guén., Phal. i, 394, 631, pl. 22, fig. 6, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 611, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
——————— Lep. Ceyl. iii, p. 440, pl. 198, figs. 4, 4*a*, ♂, ♀, (1887).

Collection Swinhoe, Assam.
Also recorded from Ceylon.

3540. EUMELIA FELICIATA.

Eumelia feliciata, Guén., Phal. i, 393, 628, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.

Sylhet, Manilla.

3541. EUMELIA FIMBRIATA.

Phalæna (*Geometra*) *fimbriata*, Cram., Pap. Exot. iv, 236, pl. 398, fig. N, (1782).
Eumelia fimbriata, Walker, Cat. Lep. Het. B. M. xxii, p. 612, (1861).
Eumelia eugeniata, Guén., Phal. i, 394, 633, (1857).

India, Borneo.

3542. EUMELIA FLAGRATA.

Eumelia flagrata, Felder & R. Reise, Novara, pl. 127, fig. 39, ♀, (1874).

Singapore.

3543. EUMELIA FLAVATA.

Eumelia flavata, Moore, Lep. Ceyl. iii, p. 440, pl. 198, fig. 3, ♀, (1887).

Ceylon.

3544. Eumelia ludovicata.

Eumelia ludovicata, Guén., Phal. i, 393, 629, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 621.
——————— Lep. Ceyl. iii, p. 439, pl. 198, figs. 1, 1*a*, ♂, ♀, (1887).
Eumelia rosalia, Westw. (*nec* Cram.), Duncan's Nat. Hist. Ex. Moths, p. 215, pl. 29, fig. 4, (1841).

I. M., Andaman Islands (De Roepstorff).
Collection Swinhoe, Andaman Islands, Ceylon, Nilgiri Hills.

3545. Eumelia rosalia.

Phalæna (*Geometra*) *rosalia*, Cram., Pap. Exot. iv, 152, pl. 368, fig. F, (1782).
Phalæna rosata, Fabr., Ent. Syst. iii, 2, 175, 164, (1793).
Eumelia rosalia, Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 640; and 1878, p. 851.
Eumelia rosaliata, Duncan, Nat. Hist. Exot. Moths, 215, pl. 29, fig. 4, (1841).
——————— Guén., Phal. i, 392, 626, (1857).
Ametris punicearia, Hübn., Verz. Sch. 303, 2924, (1816).

I. M., Sikkim, Sibsaghar, (Peal), Buxar (Moti Ram), Sylhet, Great Nicobar, Andaman Islands (purchased), Tavoy (Moti Ram), Nicobar Islands (purchased).
Collection Swinhoe, Sylhet, Ceylon.
Also recorded from Java and China.

3546. Eumelia vulperaria.

Phalæna (*Geometra*) *vulperaria*, Cram., Pap. Exot. iv, 245, pl. 400, figs. O, P., (1782).
Ametris vulpenaria, Hübn., Verz. Sch. 303, 2923, (1816).
Eumelia vulpenaria, Guén., Phal. i, 393, 630, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 611, (1861).
——————— Moore, Lep. Ceyl. iii, p. 439, pl. 198, fig. 2, ♂, (1887).
Phalæna gravidata, Fabr., Ent. Syst. iii, 2, 175, 163, (1793).

Coromandel, Ceylon.

Genus **Cacyparis.**

3547. Cacyparis insolitata.

Cacyparis insolitata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1572, (1862).
——————— Moore, Lep. Ceyl. iii, p. 441, pl. 198, figs. 5, 5*a*, ♂, ♀, (1887).
Ballatha atrotumens, Walker, *loc. cit.* xxxiv, p. 1215, (1865).

Collection Swinhoe, Ceylon.
Also recorded from India.

3548. Cacyparis læta.

Ballatha læta, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1215, (1865).

N. India.

Genus **Almodes.**

3549. ALMODES REPLETA.

Almodes repleta, Walker, Char. Undescr. Lep. Het. Lond., p. 111, (1869).
Sylhet.

FAMILY EPHYRIDÆ.

Genus **Ephyra.**

3550. EPHYRA ABHADRACA.

Ephyra abhadraca, Walker, Cat. Lep. Het. B. M. xxii, p. 636, (1861).
Cyclophora abhadraca, Moore, Lep. Ceyl. iii, p. 442, pl. 199, figs. 3, 3*a*, (1887).

Ceylon.

3551. EPHYRA DHARMSALÆ.

Ephyra dharmsalæ, Butler, Proc. Zool. Soc. Lond. 1883, p. 169.
Collection Swinhoe, Dharmsala.

3552. EPHYRA FLUIDARIA.

Ephyra fluidaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856, fig. 10.
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Poona.

3553. EPHYRA INVEXATA.

Epione (?) *invexata*, Walker, Cat. Lep. Het B. M., xxvi, p. 1497, (1862).
Ephyra invexata, Swinhoe, Proc. Zool. Soc. Lond. 1885; p. 856, and 1886, p. 455.
Cyclophora invexata, Moore, Lep. Ceyl. iii, p. 442, pl. 199, fig. 2, ♂, (1887).
Ephyra monochromata, Walker, *loc. cit.* xxvi, p. 1754, (1861).
Collection Swinhoe, Mhow, Belgaum, Poona.

3554. EPHYRA PENDULARIA.

Phalæna (*Geometra*) *pendularia*, Linn., Faun. Suec. 1244, (1761).
——————— Clerck, Icon., pl. 7, fig. 5.
Phalæna pandularia, Fabr., Suppl. 451, 63, 64, (1798).
——————— Schr., Faun. Boic. ii, 25, 1644.*
Geometra pendularia, Bork., Eur. Schm. v, 255, 111.*
——————— Esp., Schm. v, 152, pl. 26, figs. 3 to 5.*
——————— Ill, N. Ausg. Dess. i, 424, 1.*
——————— Rossi, Faun. Etrusc, ii, 192, 1160.*
——————— Hübn., Geom., pl. 13, fig. 66.*
——————— Haw., Lep. 311.*
——————— Frey, Beitr., pl. 54, fig. 2.*
Codonia pendularia, Hübn., Verz. Schm. 303, 2915, (1816).
Cabera pendularia, Treit., Schm. iii, 1, 361, 9.*
Ephyra pendularia, Dup., Lep. v. 35, pl. 172, fig. 5.*
——————— Steph., Ill. Brit. Haust. iii, 199.*
——————— Eversm., Faun. Volg. Ural, 396.*

3554. Ephyra pendularia—*continued.*

Ephyra pendularia, Boisd., Ind., 220, 1829.*
———— Sepp., Schm. vi, pl. 26, figs. 1 to 8.*
———— Herr Schoeff., Eur. Schm. iii, 31, 86, pl. 58, fig. 357.*
———— DeLah., Schm. 55.*
———— Guén., Phal. i, 413, 673, (1857).
———— Walker, Cat. Lep. Het. B. M., xxii, p. 630, (1861).
Cyclophora pendularia, Moore, Lep. Ceyl. iii, p. 442, (1887).
Phalæna circularia, Fabr., Sup. 451 64, 65.
Geometra pupillaria, Brahm., Ins. Kal., ii, 385, 262.*
Ephyra vusarmana, Walker, *loc. cit.* xxii, p. 637, (1861).
Ceylon, Europe.

3555. Ephyra quieta.

Ephyra quieta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856, pl. 56, fig. 1.
Cyclophora quieta, Moore, Lep. Ceyl. iii, p. 443, pl. 199, figs. 1, 1*a*, (1887).
I. M., Nilgiri Hills.
Collection Swinhoe, Bombay, Poona, Nilgiri Hills.

3556. Ephyra (?) strigulataria.

Ephyra (?) strigulataria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1575, (1861).
I. M., Sikkim (purchased, also Barnes), Andaman Islands.

3557. Ephyra subdolaria.

Ephyra subdolaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856.
Collection Swinhoe, Bombay.

Genus **Anisodes.**

3558. Anisodes absconditaria.

Anisodes absconditaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1580, (1862).
South India.

3559. Anisodes acuta.

Anisodes acuta, Moore, Lep. Ceyl. iii, p. 445, pl. 215, fig. 9, (1887).
Ceylon.

3560. Anisodes arenosaria.

Anisodes arenosaria, Moore, Lep. Ceyl. iii, p. 445, pl. 202, fig. 1, ♀, (1887).
Ceylon.

3561. Anisodes caligata.

Anisodes caligata, Walker, Cat. Lep. Het. B. M. xxvi. p. 1584, (1862).
———— Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 4, ♂, (1887).
Ceylon.

3562. Anisodes carnearia.

Anisodes carnearia, Walker, Cat. Lep. Het. B. M. xxii, p. 644, (1861).
———————— Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 6, ♀, (1887).

Ceylon.

3563. Anisodes congruaria.

Anisodes congruaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 98.

I. M., Buxar (Moti Ram).
Also recorded from Benares.

3564. Anisodes diffusaria.

Anisodes diffusaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.

Bengal.
Allied to *A. pluristriaria*.

3565. Anisodes hyriaria.

Anisodes hyriaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1617, (1866).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 641.
———————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 75, pl. 118, fig. 5, (1886).

I. M., Sikkim.
Collection Swinhoe, Darjiling.

3566. Anisodes ignorata.

Anisodes ignorata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1584, (1862).
———————— Moore, Lep. Ceyl. iii, p. 445, (1887).

Ceylon.

3567. Anisodes inapertaria.

Anisodes inapertaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).

South India.

3568. Anisodes interpulsata.

Anisodes interpulsata, Walker, Cat. Lep. Het. B. M. xxii, p. 612, (1861).

India.

3569. Anisodes lidderdalii.

Anisodes lidderdalii, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 220.
———————— Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 6, (1886).

Collection Swinhoe, Sikkim.

3570. Anisodes lunulosa.

Anisodes lunulosa, Moore, Descr. Ind. Lep. Atk., p. 250, pl. 8, fig. 8, (1887).

India.

3571. Anisodes moorei.

Anisodes similaria, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1867, p. 641.

Bengal.

3572. Anisodes nebulosata.

Anisodes nebulosata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1583, (1862).
——————— Moore, Lep. Ceyl. iii, p. 455, pl. 199, fig. 5, ♀, (1887).

Ceylon.

3573. Anisodes obrinaria.

Ephyra obrinaria, Guén., Phal. i, 414, 675, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 636, (1861).
Anisodes obrinaria, Moore, Lep. Ceyl. iii, p. 443, pl. 199, fig. 4 *a*, ♀, (1887).
Anisodes obliviaria, Walker, *loc. cit.* xxii, p. 643, ♀, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
——————— — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856.

I. M., Andaman Islands.
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

3574. Anisodes ovisignata.

Anisodes ovisignata, Moore, Lep. Ceyl. iii, p. 444, (1887).
Anisodes responsaria (var.), Walker, Cat. Lep. Het. B. M. xxii, p. 648, (1861).

Ceylon.

3575. Anisodes pallida.

Anisodes pallida, Moore, Lep. Ceyl. iii, p. 445, pl. 201, fig. 11, (1887).

Ceylon.

3576. Anisodes pallivittata.

Anisodes pallivittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.

Bengal.

3577. Anisodes patruelis.

Anisodes patruelis, Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 10, ♀, (1887).

Ceylon.

3578. Anisodes pluristriaria.

Anisodes pluristriaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 8, (1886).

I. M., Sikkim (Barnes), Sibsaghar (Peal).
Collection Swinhoe, Darjiling.

3579. Anisodes punctifera.

Anisodes punctifera, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 220.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 7, (1886).

Collection Swinhoe, Sikkim.

3580. Anisodes (?) pyriniata.

Anisodes (?) *pyriniata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1582, (1861).

Kanara.

3581. Anisodes sanguinaria.

Anisodes sanguinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.

Collection Swinhoe, Darjiling.

3582. Anisodes similaria.

Anisodes similaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1582, (1861).

India.

3583. Anisodes subroseata.

Anisodes subroseata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1583, (1862).
——————— Moore, Lep. Ceyl. iii, p. 445, (1887).

Ceylon.

3584. Anisodes (?) vinacearia.

Anisodes (?) *vinacearia*, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.

Bengal.

Genus **Borbacha.**

3585. Borbacha pardaria.

Anisodes pardaria, Guén., Phal. i, 420, 689, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 646, (1861).
Borbacha pardaria, Moore, Lep. Ceyl. iii, p. 447, pl. 199, fig. 9, ♂, (1887).

Ceylon, Borneo.

Genus **Synegia.**

3586. Synegia imitaria.

Anisodes imitaria, Walker, Cat. Lep. Het. B. M. xxii, p. 643, (1861).
Synegia imitaria, Moore, Lep. Ceyl. iii, p. 446, (1887).
Anisodes (?) *obrimaria*, Walker, *loc. cit.* xxii, p. 644, (1861).

Ceylon.

3587. Synegia infixaria.

Caberodes infixaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1513, (1862).
Synegia infixaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 75, pl. 118, fig. 4, (1886).

Collection Swinhoe, Darjiling.

Genus **Drapetodes.**

3588. Drapetodes bilineata.

Drapetodes bilineata, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 98.

Benares.

3589. Drapetodes fratercula.

Drapetodes fratercula, Moore, Lep. Ceyl. iii, p. 541, pl. 200, figs. 1, 1*a*, ♂, (1887).

Ceylon.

3590. Drapetodes mitaria.

Drapetodes mitaria, Guén., Phal. i, p. 424, 695, pl. 18, fig. 6, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 654, (1861).
——————— Moore, Proc. Zool Soc. Lond. 1867, p. 642.
Anisodes (?) *platycerata*, Walker, *loc. cit.* xxvi, p. 1586, (1862).

Ceylon, Sylhet, Singapore.

Genus **Argidava.**

3591. Argidava irrorata.

Argidava irrorata, Moore, Descr. Ind. Lep. Atk., p. 251, (1887).

Darjiling.

3592. Argidava punctata.

Argidava punctata, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 128.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 67, pl. 117, fig. 1, (1886).

Collection Swinhoe, Darjiling.

Family CABERIDÆ.

Genus **Cabera.**

3593. Cabera margarita.

Cabera margarita, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

Collection Swinhoe, Solun, Sikkim.

3594. Cabera platyleucata.

Acidalia platyleucata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1628, (1866).
Cabera platyleucata, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Terpnomicta.**

3595. TERPNOMICTA NIGRARENARIA.

Stegania (?) nigrarenaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 864, (1861).
Terpnomicta nigrarenaria, Moore, Lep. Ceyl. iii, p. 463, (1887).

Ceylon.

Genus **Stegania.**

3596. STEGANIA LATIFASCIATA.

Stegania latifasciata, Moore, Descr. Ind. Lep. Atk., p. 260, (1887).

Darjiling.

3597. STEGANIA PURPURASCENS.

Stegania purpurascens, Moore, Descr. Ind. Lep. Atk., p. 261, pl. 8, fig. 19, (1887).

Darjiling.

3598. STEGANIA UVIDULA.

Stegania uvidula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860 ; and 1886, p. 455.

Collection Swinhoe, Mhow, Poona.

Genus **Deilinia.**

3599. DEILINIA COSTATA.

Deilinia costata, Moore, Lep. Ceyl. iii, p. 463, pl. 204, fig. 3, (1887).

Ceylon.

Genus **Teldenia.**

3600. TELDENIA ALBA.

Teldenia alba, Moore, Lep. Ceyl. ii, p. 120, pl. 124, figs. 1, 1*a*, ♂, ♀, 1*b*, larva, (1882).

Ceylon.

3601. TELDENIA VESTIGIATA.

Corycia vestigiata, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 222.
Teldenia vestigiata, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 77, pl. 118, fig. 10, (1886).

Darjiling.

Genus **Corycia.**

3602. CORYCIA ALBA.

Corycia alba, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).

Darjiling.

3603. Corycia cinerascens.

Corycia cinerascens, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).
Darjiling.

3604. Corycia mytylata.

Corycia mytylata, Guén., Phal. ii, 58, 991, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 873, (1861).
N. India.

Family MACARIDÆ.

Genus **Macaria.**

3605. Macaria acutaria.

Macaria acutaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 100.
Benares.

3606. Macaria boaria.

Macaria boaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861, pl. 56, fig. 12, ♂.
Collection Swinhoe, Poona.
Allied to *M. indotata*.

3607. Macaria (?) cessaria.

Macaria (?) *cessaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 936, (1861).
———— Moore, Lep. Ceyl. iii, p. 466, (1887).
Ceylon.

3608. Macaria deletaria.

Macaria deletaria, Moore, Descr. Ind. Lep. Atk., p. 261, pl. 8, fig. 14, (1887).
Darjiling.

3609. Macaria emersaria.

Macaria emersaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 925, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
———— Lep. Ceyl. iii, p. 466, (1887).
I. M., Ranchi (Irvine), Sibsaghar.
Collection Swinhoe, Sikkim, Nilgiri Hills.
Also recorded from Ceylon.

3610. Macaria frugaliata.

Macaria frugaliata, Guén., Phal. ii, 78, 1031, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).
India.

3611. MACARIA INDISTINCTA.

Macaria indistincta, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).
Khasi Hills.

3612. MACARIA INTEGRATA.

Macaria integrata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1648, (1862).
S. India.

3613. MACARIA POSTICARIA.

Macaria posticaria, Walker, Char. Undescr. Lep. Het. Lond., p. 99,(1869).
Benares.

3614. MACARIA SOLITARIA.

Macaria solitaria, Walker, Char. Undescr. Lep. Het. Lond., p. 99, (1869).
Benares.

3615. MACARIA (?) SUBCAUDARIA.

Macaria (?) *subcaudaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 936, (1861).
————————Moore, Lep. Ceyl. iii, p. 467, (1887).
Ceylon.

3616. MACARIA SUBTESSELLATA.

Macaria subtessellata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1648, (1862).
Kanara.

Genus **Tephrina**.

3617. TEPHRINA ARENARIA.

Tephrina arenaria, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527, pl. 48, fig. 13.
Macaria arenaria, Swinhoe, *loc. cit.*, 1886, p. 456.
Collection Swinhoe, Mhow, Karachi.
Allied to *M. arenacearia*, Hübn., of Europe.

3618. TEPHRINA BOLINA.

Macaria bolina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.
Collection Swinhoe, Poona, Bombay, Alibagh, Purundhur.
Allied to *T. falsaria*.

3619. TEPHRINA CACAVENA.

Macaria cacavena, Walker, Cat. Lep. Het. B. M. xxiii, p. 930, (1861).
Tephrina cacavena, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 11, 12, ♂, ♀, (1887).
Collection Swinhoe, Ceylon.

3620. Tephrina falsaria.

Macaria (?) *falsaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1649, ♂, (1862).
Tephrina falsaria, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 1, 2, ♂, ♀, (1887),
Aspilates parallelaria, Walker, *loc. cit.* xxvi, p. 1680, ♀, (1862).
Ceylon.

3621. Tephrina indotata.

Aspilates indotata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1681, (1862).
N. India.

3622. Tephrina infirmata.

Macaria infirmata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1657, (1866).
Ceylon.

3623. Tephrina infrictaria.

Macaria infrictaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.
Collection Swinhoe, Poona.
Allied to *T. falsaria*.

3624. Tephrina modesta.

Tephrina modesta, Moore, Lep. Ceyl. iii, p. 471, pl. 204, fig. 6, ♂, (1887).
Ceylon.

3625. Tephrina ossea.

Tephrina ossea, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353, pl. 9, fig. 9.
Collection Swinhoe, Quetta.
Allied to *T. falsaria*.

3626. Tephrina peremptaria.

Macaria peremptaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 929, (1861).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 171.
Tephrina peremptaria, Swinhoe, Proc. Zool. Soc. London, 1884, p. 527.
Macaria peremptaria, Swinhoe, Proc. Zool. Soc. London, 1886, p. 456.
Collection Swinhoe, Mhow, Karachi, Poona.

3627. Tephrina pulinda.

Cleora (?) *pulinda*, Walker, Cat. Lep. Het. B. M. xxi, p. 333, (1860).
Tephrina pulinda, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 7, 8, ♂, ♀, 1887.
Macaria strenuataria, Walker, *loc. cit.* xxvi, p. 1647, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.
Tephrina granitalis, Butler, Proc. Zool. Soc. Lond. 1883, p. 171, ♀, *occasional var.*
Macaria granitalis, Swinhoe, *loc. cit.* 1885, p. 861.
Collection Swinhoe, Mhow, Poona.
Also recorded from Ceylon.

3628. Tephrina scotosiaria.

Tephrina scotosiaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 100.

Benares.

3629. Tephrina strenuata.

Macaria strenuata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1647, ♂, (1862).
Tephrina lithina, Butler, Proc. Zool. Soc. Lond. 1883, p. 171, ♀.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.
Macaria lithina, Swinhoe, *loc. cit.* 1885, p. 861 ; and 1886, p. 456.
Tephrina strenuataria, Butler (*nec* Walker), Ann. Nat. Hist., (5) v, (1880), p. 224.
———— Swinhoe, *loc. cit.*, 1884, p. 527.

I. M., Karachi.
Collection Swinhoe, Karachi, Hydrabad (Sind).

3630. Tephrina zebrina.

Tephrina zebrina, Butler, Proc. Zool. Soc. Lond. 1883, p. 171.
Macaria zebrina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861 ; and 1886, p. 456.

I. M., Poona, Collection Swinhoe, Mhow, Poona, Bombay, Calcutta.
Allied to *T. strenuata*.

Genus **Gubaria.**

3631. Gubaria elvirata.

Macaria elvirata, Guén., Phal. ii, 90, 1064, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 934, (1861).

N. India.

3632. Gubaria fasciata.

Phalæna fasciata, Fabr., Syst. Ent. 629, (1775) ; Ent. Syst. iii, 2 164, (1793).
Gubaria fasciata, Moore, Lep. Ceyl. iii, p. 464, pl. 203, figs. 6, *a*, *b*, (1887).
Phalæna eleonora, Cram., Pap. Exot. iii, 172, pl. 288, figs. E, F, G, (1782).
Macaria eleonora, Walker, Cat. Lep. Het. B. M. xxiii, p. 933, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860 ; and 1886, p. 455.
Macaria eleonorata et victorinata, Guén., Phal. ii, p. 89, 1062 ; and p. 90, 1063, (1857).

I. M., Buxar (Moti Ram), Ranchi (Irvine), Sikkim.
Collection Swinhoe, Darjiling, Solun, Kasauli, Nilgiri Hills, Mhow, Bombay.

3633. Gubaria metagonaria.

Azelina metagonaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1518, (1862).
Macaria metagonaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 78p, pl. 118, and 11, (1886).

I. M., Sikkim.
Collection Swinhoe, Darjiling, Bombay, Matheran, Mahableshwar.

3634. Gubaria nora.

Macaria nora, Walker, Cat. Lep. Het. B. M. xxiii, p. 934, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 648; 1877, p. 633; and 1878, p. 851.
Gubaria nora, Moore, Lep. Ceyl. iii, p. 465, pl. 203, figs. 5, 5*a*, (1887).

I. M., Sikkim (Barnes), Buxar (Moti Ram).
Collection Swinhoe, Darjiling, Ceylon.

3635. Gubaria xanthonora.

Macaria xanthonora, Walker, Cat. Lep. Het. B. M. xxiii, p. 935, (1861).
——————— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 78, pl. 118, fig. 12, (1886).

I. M., Buxar (Moti Ram).
Collection Swinhoe, Sikkim, Nilgiri Hills.

Genus **Gonodela.**

3636. Gonodela diplotata.

Semiothisa diplotata, Felder & R. Reise, Novara, pl. 128, fig. 16, ♂, (1874).

Bengal, Kalitimga.

3637. Gonodela effusata.

Macaria effusata, Guén., Phal. ii, 87, 1057, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).

India.

3638. Gonodela fidoniata.

Macaria fidoniata, Guén., Phal. ii, 78, 1030, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).

N. India.

3639. Gonodela hebesata.

Macaria hebesata, Walker, Cat. Lep. Het. B. M., xxiii, p. 931, (1861).

Collection Swinhoe, Mhow.
Also recorded from China.

3640. GONODELA HONORARIA.

Macaria honoraria, Walker, Cat. Lep Het. B. M. xxiii, p. 928, (1861).
Gonodela honoraria, Moore, Lep. Ceyl. iii, p. 468, pl. 205, fig. 12, ♀, (1887).

Macaria permotaria, Walker, *loc. cit.* xxiii, p. 926, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.

Ceylon, Sylhet.

3641. GONODELA HORRIDARIA.

Gonodela horridaria, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

I. M., Sikkim (Barnes), Buxar (Moti Ram).
Collection Swinhoe, Solun, Sikkim.

3642. GONODELA INCHOATA.

Macaria inchoata, Walker, Cat. Lep. Het. B. M. xxiii, p. 931, (1861).

Collection Swinhoe, Bombay.

3643. GONODELA KHASIANA.

Gonodela khasiana, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

Khasi Hills.

3644. GONODELA MYANDARIA.

[*Macaria myandaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1649, (1862).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 616.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.

Collection Swinhoe, Matheran.

3645. GONODELA PERVOLGATA.

Macaria pervolgata, Walker, Cat. Lep. Het. B. M. xxiii, p. 930, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Collection Swinhoe, Poona.
Also recorded from the Punjab.

3646. GONODELA PLACIDA.

Gonodela placida, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

Calcutta, Bombay.

3647. GONODELA STRENIATARIA.

Macaria streniataria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1646, (1861).
——————— Moore, Proc. Zool. Soc. London, 1867, p. 648.

I. M., Calcutta, Karachi.
Collection Swinhoe, Karachi, Hydrabad (Sind).

3648. Gonodela sufflata.

Macaria sufflata, Guén., Phal. ii, 88, 1059, pl. 17, fig. 8, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 925, (1861).
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 390.
Gonodela sufflata, Moore, Lep. Ceyl. iii, p. 467, pl. 205, figs. 5, 6, ♂, ♀, (1887).

. Rawalpindi, Ceylon.

3649. Gonodela vasudeva.

Macaria vasudeva, Walker, Cat. Lep. Het. B. M. xxiii, p. 933, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
Gonodela vasudeva, Moore, Lep. Ceyl. iii, p. 468, pl. 205, fig. 11, ♀, (1887).

Collection Swinhoe, Nilgiri Hills, Bombay.
Also recorded from Ceylon.

Genus **Evarzia.**

3650. Evarzia indica.

Evarzia indica, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 222.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 79, pl. 118, fig. 13, (1886).

Darjiling.

3651. Evarzia perspicuaria.

Macaria perspicuaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

Collection Swinhoe, Sikkim.
Allied to *Evarzia ozararia*, Walker, of Borneo.

3652. Evarzia trilinearia.

Evarzia trilinearia, Moore, Descr. Ind. Lep. Atk., p. 263, (1887).

Darjiling.

Genus **Zeheba.**

3653. Zeheba aureata.

Zeheba aureata, Moore, Descr. Ind. Lep. Atk., p. 263, (1887).

Darjiling.

3654. Zeheba marginata.

Evarzia marginata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1561, ♀, (1866).
Zeheba marginata, Moore, Lep. Ceyl. iii, p. 469, pl. 205, fig. 8, ♀, (1887).

Ceylon, Java.

Genus **Azata.**

3655. Azata ferruginata.

Azata ferruginata, Moore, Lep. Ceyl. iii, p. 470, pl. 205, fig. 2, (1887).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

3656. AZATA QUADRARIA.

Azata quadraria, Moore, Lep. Ceyl. iii, p. 469, pl. 205, fig. 1, (1887).
Ceylon.

Genus **Carige.**

3657. CARIGE LUNULINEATA.

Carige lunulineata, Moore, Descr. Ind. Lep. Atk., p. 263, pl. 8, fig. 26, (1887).
Darjiling.

Genus **Zarmigethusa.**

3658. ZARMIGETHUSA BIANGULIFERA.

Zarmigethusa biangulifera, Moore, Descr. Ind. Lep. Atk. p. 263, (1887).
Darjiling.

3659. ZARMIGETHUSA EXTERSARIA.

Macaria extersaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 926, (1861).
India.

3660. ZARMIGETHUSA MINOR.

Zarmigethusa minor, Moore, Descr. Ind. Lep. Atk. p. 264, (1887).
Calcutta.

Genus **Krananda.**

3661. KRANANDA SEMIHYALINA.

Krananda semihyalina, Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
Bengal.

FAMILY FIDONIDÆ.

Genus **Sterrha.**

3662. STERRHA PAULULA.

Sterrha paulula, Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 41, fig. 7.
Collection Swinhoe, Mhow.

3663. STERRHA SACRARIA.

Phalæna (Geometra) sacraria, Linn., Syst. Nat. i, 2, p. 863, 220, (1766).
Phalæna sacraria, Fabr., Sp. Ins. ii, 252, 57, (1781).
———————— Mant. Ins. ii, 195, 88, (1787).
———————— Ent. Syst. iii, 2, 159, 106, (1793).
Geometra sacraria, Esp., Schm. v, 171, pl. 30, figs. 8, 9, (1794).*
———————— Hübn., Geom., pl. 38, fig. 200, (1805—24).*
Aspilates sacraria, Dup., Lep. v, 121, pl. 178, fig. 7, (1832).*
Sterrha sacraria, Herr. Sch., Eur. Schm. iii, 108, 6, pl. 43, fig. 264.*

3663, Sterrha sacraria,—*contd.*

Sterrha sacraria, Guén., Phal. ii, p. 175, 1206, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1058, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528; 1885, p. 862, and 1886, p. 456.
———— Trans. Ent. Soc. Lond. 1885, p. 352.
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 390.
Geometra sanguinaria, Esper. Schm. v, p. 173, pl. 30, figs. 10, 11.

I. M., Kulu (Young).
Collection Swinhoe, Kandahar, Quetta, Karachi, Mhow, Jacobabad, Mahableshwar, Alibagh.
Also recorded from Europe.

Genus **Rumia.**

3664. Rumia ablunata.

Rumia ablunata, Guén., Phal. i, 110, 170, (1857).
———— Walker, Cat. Lep. Het. B. M. xx, p. 138, (1860).

India.

3665. Rumia mimulina.

Rumia mimulina, Butler, Proc. Zool. Soc. Lond. 1886, p. 388.

I. M., Kulu (Young).
Collection Swinhoe, Thundiani (Punjab).

3666. Rumia pangiaria.

Ophistograptis pangiaria, Felder & R. Reise, Novara, pl. 123, fig. 4, ♂, (1873).

I. M., Kulu (Young).
Collection Swinhoe, Solun.

3667. Rumia sulphurea.

Rumia sulphurea, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 123.
———— Ill. Typ. Lep. Het. B. M. vi, p. 54, pl. 114, fig. 6, (1886).

Darjiling.

3668. Rumia tridentifera.

Rumia tridentifera, Moore, Descr. Ind. Lep. Atk., p. 230, (1887).

Darjiling.

Genus **Phyletis.**

3669. Phyletis cinerascens.

Phyletis cinerascens, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Kashmir, Pir (Punjab).

3670. Phyletis herbicolens.

Delocharis herbicolens, Butler, Proc. Zool. Soc. Lond. 1883, p. 173.
Phyletis herbicolens, Butler, Proc. Zool. Soc. Lond. 1886, p. 391.

Collection Swinhoe, Solun.

3671. Phyletis inconspicua.

Phyletis inconspicua, Butler, Proc. Zool. Soc. Lond. 1886, p. 391.

Murree.
Allied to *P. meonaria*.

3672. Phyletis khasiana.

Phyletis khasiana, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Khasi Hills.

3673. Phyletis meonaria.

Phyletis meonaria, Guén., Phal. ii, 170, 1199, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1053, (1862).

N. India.

3674. Phyletis pelloniaria.

Phyletis pelloniaria, Guén., Phal. ii., 169, 1197, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1053, (1862).

Collection Swinhoe, Thundiani (Punjab).

3675. Phyletis similata.

Phyletis similata, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Khasi Hills.

Genus **Fidonia.**

3676. Fidonia albofascia.

Fidonia albofascia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527, pl. 48, fig. 14.

Collection Swinhoe, Karachi, Hydrabad (Sind).

3677. Fidonia (?) duplicata.

Fidonia (?) *duplicata*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1035, (1862).

N. India.

Genus **Epifidonia.**

3678. Epifidonia signata.

Epifidonia signata, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35, fig. 9.

I. M., Kulu (Young).

Genus **Aspilates.**

3679. ASPILATES (?) DISISTARIA.

Aspilates (?) disistaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1073, (1862).

N. India.

3680. ASPILATES FALCONARIA.

Aspilates falconaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1665, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

Collection Swinhoe, Darjiling.

3681. ASPILATES OBLIQUARIA.

Aspilates obliquaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

Collection Swinhoe, Kasauli.

Genus **Corymica.**

3682. CORYMICA ARNEARIA.

Corymica arnearia, Walker, Cat. Lep. Het. B. M. xx, p. 231, ♀, (1860).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 851.
——————— Lep. Ceyl. iii, p. 473, pl. 205, figs. 9, 10,(1887).
Caprilia vesicularia, Walker, *loc. cit.*, xxxv, p. 1569, ♂, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.
Also recorded from Tenasserim and Assam.

3683. CORYMICA CAUSTOLOMARIA.

Corymica caustolomaria, Moore, Descr. Ind. Lep. Atk., p. 231, (1887).

Darjiling.

3684. CORYMICA SPECULARIA.

Caprilia specularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 649, pl. 33, fig. 11.

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Assam.

Genus **Nobilia.**

3685. NOBILIA TURBATA.

Nobilia turbata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1098, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 650.

I. M., Sibsaghar, Sikkim (Barnes), Andaman Islands (De Roepstorff).
Collection Swinhoe, Sikkim.

Genus **Gamoruna.**

3686. GAMORUNA PALPARIA.

Panagra palparia, Walker, Cat. Lep. Het. B. M. xxiii, p. 988, (1861).
Gamoruna palparia, Moore, Descr. Ind. Lep. Atk., p. 265, (1887).
India.

Genus **Ozola.**

3687. OZOLA MICRONIARIA.

Ozola microniaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1080, (1862).
———— Moore, Lep. Ceyl. iii, p. 474, pl. 204, figs. 9, 10, ♂, ♀, (1887).
Phibalapterix acutata, Walker, *loc. cit.*, xxv, p. 1340, (1862).
Ceylon.

Genus **Oruza.**

3688. ORUZA COSTATA.

Oruza costata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1089, (1862).
India.

Genus **Hileia.**

3689. HILEIA CRAMBISATA.

Hileia crambisata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1100, (1862).
N. India.

Genus **Utidava.**

3690. UTIDAVA INCOMPTARIA.

Utidava incomptaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1689, (1862).
Ceylon.

Genus **Prionia.**

3691. PRIONIA SQUALIDARIA.

Prionia squalidaria, Hubn., Zuträge, iv, 40, figs. 787, 8, ♀, (1832).*
———— Guén., Phal. i, 144, 230, (1857).
———— Walker, Cat. Lep. Het. B. M. xx, p. 175, (1860).
———— Moore, Lep. Ceyl. iii, p. 476, pl. 205, figs. 3, 4, ♂, ♀, (1887).
Prionia violacearia, Guén., Phal. i, 144, 231, (1857).
———— Walker, *loc. cit.*, xx, p. 176, (1860).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
Osicerda alienata, Walker, *loc. cit.*, xxiv, p. 1084, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
Celesdera schistifusata, Walker, *loc. cit.*, xxvi, p. 1749, (1862).
I. M., Sikkim.
Collection Swinhoe, Darjiling, Poona, Alibagh.

Genus **Osicerda.**

3692. OSICERDA COSTIMACULATA.

Osicerda costimaculata, Moore, Proc. Zool. Soc. Lond 1867, p. 650.
Collection Swinhoe, Sikkim.

3693. Osicerda trinotaria.

Osicerda trinotaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
Collection Swinhoe, Sikkim.

Genus **Zomia.**

3694. Zomia incitata.

Omiza incitata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1085, (1862).
Zomia incitata, Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
I. M., Sikkim (purchased, also Barnes), Andaman Islands (purchased).
Collection Swinhoe, Darjiling, Khandalla, Nilgiri Hills.

3695. Zomia serpentinaria.

Timandra (?) *serpentinaria*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1634, (1866).
Zomia serpentinaria, Moore, Lep. Ceyl. iii, p. 475, (1887).
Ceylon.

3696. Zomia pallida.

Zomia pallida, Moore, Proc. Zool. Soc. Lond. 1877, p. 622.
Andaman Islands.

Genus **Plutodes.**

3697. Plutodes cyclaria.

Plutodes cyclaria, Guén., Phal. ii, 118, 1111, pl. 20, fig. 3, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 976, (1861).
Collection Swinhoe, Solun, Punjab.

3698. Plutodes discigera.

Plutodes discigera, Butler, Ann. Nat. Hist. 5, vi, (1880), p. 223.
——————— Ill. Typ. Lep. Het. B. M., vi, p. 80, pl. 119, fig. 2, (1886).
Collection Swinhoe, Sikkim.

3699. Plutodes exquisita.

Plutodes exquisita, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 223.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 80, pl. 119, fig. 4, (1886).
I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

3700. Plutodes flavescens.

Plutodes flavescens, Butler, Ann. Nat. Hist.; (5) vi, (1880), p. 223.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 80, pl. 119, fig. 3, (1886).
I. M., Sikkim (purchased).

3701. Plutodes subcaudata.

Plutodes subcaudata, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 224.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 81, pl. 119, fig. 5, (1886).

Darjiling.

3702. Plutodes transmutata.

Plutodes transmutata, Walker, Cat. Lep. Het. B. M. xxiii, p. 976, (1861).
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 79, pl. 119, fig. 1, (1886).
——————— Moore, Lep. Ceyl. iii, p. 472, pl. 205, fig. 7, (1887).
Comibæna gavisata, Walker, *loc. cit.* xxvi, p. 1566, (1862).

Collection Swinhoe, Khandalla.

Genus **Achrosis.**

3703. Achrosis pyrrhularia.

Achrosis pyrrhularia, Guén., Phal. ii, 539, 1780, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxv, p. 1477, (1862).
Pagrasa instabilata, Walker, *loc. cit.* xxiv, p. 1086, (1862).
——————— Butler, Ill. Typ. Lep. Het. B. M. p. 82, pl. 119, fig. 7, (1886).

I. M., Sibsaghar (Peal), Sikkim (purchased).
Collection Swinhoe, Sylhet.

3704. Achrosis rufescens.

Pagrasa rufescens, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 224.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 81, pl. 119, fig. 6, (1886).

I. M., Sikkim (purchased).

Genus **Hypochrosis.**

3705. Hypochrosis festivaria.

Phalæna festivaria, Fabr., Ent. Syst. iii, 2, 152, 84, (1793).
Hypochrosis festivaria, Guén., Phal. ii, 537, 1777, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxv, p. 1476, (1862).

India.

3706. Hypochrosis hyadaria.

Hypochrosis hyadaria, Guén., Phal. ii, 537, 1776, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxv, p. 1475, (1862).

India.

3707. Hypochrosis jasminaria.

Hypochrosis jasminaria, Guén., Phal. ii, 538, 1779, (1857).
———————Walker, Cat. Lep. Het. B. M., xxv, p. 1476, (1862).

India.

3708. Hypochrosis sternaria.

Hypochrosis sternaria, Guén., Phal. ii, 537, 1775, (1857).
———— Walker, Cat. Lep. Het. B. M., xxv, p. 1475, (1862).

India.

Genus **Janarda.**

3709. Janarda acuminata.

Janarda acuminata, Moore, Descr. Ind. Lep. Atk. p. 265, (1887).

Darjiling.

Family ZERENIDÆ.

Genus **Rhyparia.**

3710. Rhyparia ductaria.

Rhyparia ductaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1111, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

3711. Rhyparia maculata.

Rhyparia maculata, Proc. Zool. Soc. Lond. 1867, p. 651.

Bengal.

3712. Rhyparia transectata.

Rhyparia transectata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1112, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.

Collection Swinhoe, Khandalla.
Also recorded from the Himalayas.

Genus **Percnia.**

3713. Percnia belluaria.

Percnia belluaria, Guén., Phal. ii, 217, 1279, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

I. M., Sikkim, Shillong.

3714. Percnia felinaria.

Percnia felinaria, Guén., Phal. ii, p. 216, 1278, pl. 19, fig. 1, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Naga Hills, Khasi Hills, Sikkim (purchased).
Collection Swinhoe, Sylhet, Assam.

3715. PERCNIA FORARIA.

Percnia foraria, Guén., Phal. ii, 217, 1280, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

India, China.

3716. PERCNIA GUTTATA.

Percnia guttata, Felder & R. Reise, Novara, pl. 130, fig. 15, ♂, (1874).

Darjiling.

Genus **Nelcynda.**

3717. NELCYNDA RECTIFICATA.

Nelcynda rectificata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1142, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

Bengal.

Genus **Vindusara.**

3718. VINDUSARA COMPOSITATA.

Abraxas compositata, Guén., Phal. ii, p. 207, 1266, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1120, (1862).
Vindusara compositata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653, pl. 32, fig. 6.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

3719. VINDUSARA METACHROMATA.

Abraxas metachromata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1122, (1862).
Vindusara metachromata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.
——————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 84, pl. 120, fig. 1, (1886).

I. M., Kulu (Young), Mussourie (Templeton).
Collection Swinhoe, Solun, Darjiling.

Genus **Icterodes.**

3720. ICTERODES CONSOCIA.

Abraxas consocia, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 226.
Icterodes consocia, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 84, pl. 119, fig. 11, (1886).

N.-E. Himalayas.

3721. ICTERODES CONSPERSA.

Abraxas conspersa, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 225.
Icterodes conspersa, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 83, pl. 119, fig. 10, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.
Allied to *I. lapsariata*.

3722. Icterodes lapsariata.

Abraxas lapsariata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1121, (1862).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 652.

I. M., Cherrapunji, Belaspur.

Genus **Calcula.**

3723. Calcula exanthemata.

Calcula exanthemata, Moore, Descr. Ind. Lep. Atk., p. 266, (1887).

Darjiling.

Genus **Metabraxas.**

3724. Metabraxas falcipennis.

Metabraxas falcipennis, Moore, Descr. Ind. Lep. Atk., p. 266, pl. 8, fig, 29, (1887).

Khasi Hills.

Genus **Callabraxas.**

3725. Callabraxas amanda.

Callabraxas amanda, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 226.
——————— Ill. Typ. Lep. Het. B. M. vi, p. 84, pl. 119, fig. 12, (1886).

Darjiling.

3726. Callabraxas languidata.

Abraxas languidata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1122, (1862).

Collection Swinhoe, Tokei.
Also recorded from Nepal.

Genus **Abraxas.**

3727. Abraxas catenaria.

Melanippe catenaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 655, pl. 33 fig. 9.

Collection Swinhoe, Darjiling.

3728. Abraxas couaggaria.

Abraxas couaggaria, Guén., Phal. ii, 202, 1253, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1127, (1862), and xxvi, p. 1694, (1862).

India.

3729. Abraxas detritaria.

Abraxas detritaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1125, (1862) and xxvi, p. 1694, (1862).

S. India.

3730. ABRAXAS FASCIARIA.

Zerene fasciaria, Guér., Voy. Deless. Hist. Nat., p. 96, pl. 26, fig. 5, (1843).
Abraxas fasciaria, Guén., Phal. ii, 205, 1260, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1119, (1862).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.
Collection Swinhoe, Belgaum, Nilgiri Hills.

3731. ABRAXAS FUSCESCENS.

Abraxas fuscescens, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35, fig. 10.
I. M., Kulu (Young).
Also recorded from the Punjab.

3732. ABRAXAS GIRAFFATA.

Abraxas giraffata, Guén., Phal. ii, 205, 1258, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).
Collection Swinhoe, Darjiling.
Also recorded from China.

3733. ABRAXAS HYPSATA.

Abraxas hypsata, Felder & R. Reise, Novara, pl. 130, fig. 16, (1874).
India.

3734. ABRAXAS IRRORATA.

Abraxas irrorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 652.
Darjiling.

3735. ABRAXAS LABRARIA.

Abraxas labraria, Guén., Phal. ii, 203, 1255, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1127, (1862).
India.

3736. ABRAXAS LEOPARDINA.

Zerene leopardina, Koll., Hug. Kasch. iv, 490, (1848).
Abraxas leopardinata, Guén., Phal. ii, p. 206, 1262, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1119, (1862); and xxvi, p. 1694, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
I. M., Sikkim (purchased), Kulu (Young), North Khasi Hills.
Collection Swinhoe, Solun, Kangra, Sylhet.
Allied to *A. martaria*.

3737. ABRAXAS MARTARIA.

Abraxas martaria, Guén., Phal. ii, p. 205, 1258, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
——————— Journ. As. Soc. Beng. liii, pt. 2, No. 3, p. 237, (1884).
I. M., Kulu (Young), Sibsaghar (Peal), Cherrapunji, Buxar (Moti Ram), Sylhet, North Khasi Hills, Sikkim.
Collection Swinhoe, Sylhet.

3738. Abraxas pardaria.

Abraxas pardaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 652.
Bengal.

3739. Abraxas picaria.

Abraxas picaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 652.
Bengal.

3740. Abraxas pusilla.

Abraxas pusilla, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 225.
——————— Ill. Typ. Lep. Het. B. M., p. 83, pl. 119, fig. 9, (1886).
Collection Swinhoe, Darjiling.
Allied to *A. leopardina*.

3741. Abraxas spontaneata.

Abraxas spontaneata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1120, (1862).
N. India.

3742. Abraxas (?) tenebraria.

Abraxas (?) *tenebraria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.
Collection Swinhoe, Sikkim.

3743. Abraxas tigrata.

Abraxas tigrata, Guén., Phal. ii, p. 202, 1252, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
I. M., Sikkim.
Collection Swinhoe, Darjiling.

3744. Abraxas virginalis.

Abraxas virginalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl 35, fig. 11.
Collection Swinhoe, Pegu.
Also recorded from Murree.

Genus **Naxa.**

3745. Naxa puncticilia.

Naxa puncticilia, Moore, Proc. Zool. Soc. Lond. 1872, p. 575.
Nilgiri Hills.

3746. NAXA TEXTILIS.

Naxa textilis, Walker, Cat. Lep. Het. B. M. vii, p. 1743, (1856).
———— Moore, Journ. As. Soc. Beng. vol. liii, pt. 2, No. 3, (1884).

I. M., Cachar (Wood-Mason), Sibsaghar (Peal), Buxar (Moti Ram), Sikkim (purchased).
Collection Swinhoe, Sylhet, Ceylon.

Genus **Potera.**

3747. POTERA MARGINATA.

Potera marginata, Moore, Proc. Zool. Soc. Lond. 1878, p. 852, pl. 53, fig. 9.

Tenasserim.

Genus **Orthostixis.**

3748. ORTHOSTIXIS HÜGELI.

Orthostixis hügeli, Felder & R. Reise, Novara, pl. 130, fig. 19, ♂, (1874).

Sylhet, Kashmir.

Genus **Hybernia.**

3749. HYBERNIA HYBERNARIA.

Hybernia hybernaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862, pl. 56, fig. 4.

Bombay.

Genus **Onellaba.**

3750. ONELLABA BOTYDATA.

Onellaba botydata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1140, (1862).

S. India.

Genus **Ligdia.**

3751. LIGDIA COCTATA.

Ligdia coctata, Guén., Phal. ii, 210, 1270, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiv, p. 1128, (1862).

N. India.

Genus **Thaleridia.**

3752. THALERIDIA PRUINOSA.

Thaleridia pruinosa, Moore, Descr. Ind. Lep. Atk., p. 267, (1887).

Darjiling.

Family LARENTIDÆ.

Genus **Oporabia.**

3753. Oporabia macularia.

Oporabia macularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.

Bengal.

Genus **Lycauges.**

3754. Lycauges albatus.

Lycauges albatus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852, pl. 56, fig. 5.

Collection Swinhoe, Poona, Karachi.

3755. Lycauges defamataria.

Acidalia defamataria, Walker, Cat. Lep. Het. B. M. xxii, p. 752, (1861).
Idæa defamataria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.
Lycauges defamataria, Moore, Lep. Ceyl. iii, p. 456, pl. 201, fig. 2 ♀, (1887).

Collection Swinhoe, Poona, Bombay, Karachi, Nilgiri Hills, Alibagh.
Also recorded from Ceylon.

3756. Lycauges demissus.

Lycauges demissus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 456.

Collection Swinhoe, Mhow, Karachi, Tatta (Sind), Alibagh.

3757. Lycauges postvittata.

Lycauges postvittata, Moore, Lep. Ceyl. iii, p. 456, pl. 201, fig. 12 ♀, (1887).

Ceylon.

Genus **Larentia.**

3758. Larentia aerata.

Larentia aerata, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.

I. M., Sikkim.

3759. Larentia conturbata.

Larentia conturbata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1703, (1862).

I. M., Kulu (Young).
Collection Swinhoe, Cashmir, Solun, Nilgiri Hills, Thundiani (Punjab).

3760. Larentia exliturata.

Larentia exliturata, Walker, Cat. Lep. B. M. xxiv, p. 1195, (1862).

Collection Swinhoe, Solun.

3761. LARENTIA FISSIFERATA.

Larentia fissiferata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1194, (1862).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

Collection Swinhoe, Nilgiri Hills.

3762. LARENTIA INDICARIA.

Eubolia indicaria, Guér., Voy. Delessert, 97, pl. 26, fig. 4, (1843).
Larentia indicaria, Guén., Phal. ii, 269, 1340, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1193, (1862).
Eubolia hedicaria, Walker, *loc. cit.* xxvi, p. 1739, (1862).

Nilgiri Hills.

3763. LARENTIA INTERMIXTA.

Larentia intermixta, Walker, Cat. Lep. Het. B. M. xxiv, p. 1194, (1862).

S. India.

3764. LARENTIA OCHREATA.

Larentia ochreata, Moore, Descr. Ind. Lep. Atk., p. 267, (1887).

Darjiling.

3765. LARENTIA PERFICITA.

Lucia perficita, Walker, Cat. Lep. Het. B. M. xv, p. 1809, (1858).
Larentia perficita, Moore, Lep. Ceyl. iii., p. 478, (1887).
Larentia comprensata, Walker, *loc. cit.*, xxvi, p. 1703, ♂, (1862).

Ceylon.

3766. LARENTIA VARIEGATA.

Larentia variegata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.

Bengal.

Genus **Eupithecia.**

3767. EUPITHECIA ATTENUATA.

Eupithecia attenuata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 3, ♂, (1887).

Ceylon.

3768. EUPITHECIA CONSCENSA.

Eupithecia conscensa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 8.

Collection Swinhoe, Poona.

3769. EUPITHECIA COSTIPANNARIA.

Eupithecia costipannaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.

Bengal.

3770. Eupithecia decorata.

Eupithecia decorata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).

Darjiling.

3771. Eupithecia ferruginaria.

Eupithecia ferruginaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.

Darjiling.

3772. Eupithecia griseipennis.

Eupithecia (?) *griseipennis*, Moore, Descr. Ind. Lep. Atk., p. 269, pl. 8, fig. 28, (1887).

Cherrapunji.

3773. Eupithecia incurvata.

Eupithecia incurvata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).

Khasi Hills.

3774. Eupithecia lineosa.

Eupithecia lineosa, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).

Darjiling.

3775. Eupithecia palpata.

Cidaria palpata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).
Eupithecia palpata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 6, ♀, (1887).

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

3776. Eupithecia polycleata.

Botys polyclealis, Walker, Cat. Lep. Het. B. M. xix, p. 998, ♀, (1859).
Eupithecia polycleata, Moore, Lep. Ceyl. iii, p. 478, (1887).

Ceylon.

3777. Eupithecia rajata.

Eupithecia rajata, Guén., Phal. ii, 328, 1432, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1243, (1862).

India.

3778. Eupithecia saturata.

Larentia saturata, Guén., Phal. ii, 269, 1339, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1193, (1862).
Eupithecia saturata, Moore, 2nd Yarkand Mission, Calcutta, p. 15, (1879).

Yarkand, Pondicherry.

3779. EUPITHECIA SEMICIRCULATA.

Eupithecia semicirculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.
Collection Swinhoe, Darjiling.

3780. EUPITHECIA TESTACEA.

Eupithecia testacea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 15.
Poona.

3781. EUPITHECIA USTATA.

Eupithecia ustata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Darjiling.

3782. EUPITHECIA VARIEGATA.

Eupithecia variegata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 5, (1887).
Ceylon.

3783. EUPITHECIA VIRESCENS.

Eupithecia virescens, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 4, (1887).
Ceylon.

Genus **Ardonis.**

3784. ARDONIS CHLOROPHILATA.

Eupithecia chlorophilata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1768, ♀, (1862).
Ardonis chlorophilata, Moore, Descr. Ind. Lep. Atk., p. 269, (1887).
Bhotan, Darjiling.

Genus **Iramba.**

3785. IRAMBA ADMIXTARIA.

Eupithecia admixtaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1243, ♀, (1862).
Iramba admixtaria, Moore, Lep. Ceyl. iii, p. 481, (1887).
Ceylon.

3786. IRAMBA BILINEA.

Eupithecia bilinea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57, fig. 7.
Collection Swinhoe, Poona.
Allied to *I. immixtaria*.

3787. IRAMBA IMMIXTARIA.

Eupithecia immixtaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1244, (1862).
Iramba immixtaria, Moore, Lep. Ceyl. iii, p. 481, (1887).
Ceylon.

3788. Iramba recensitaria.

Eupithecia recensitaria, Walker, Cat. Lep. Het. xxiv, p. 1244, (1862).
Iramba recensitaria, Moore, Lep. Ceyl. iii, p. 481, (1887).

Ceylon.

3789. Iramba tibialis.

Iramba tibialis, Moore, Lep. Ceyl. iii, p. 481, pl. 206, fig. 2, ♀, (1887).

Ceylon.

Genus **Calluga.**

3790. Calluga costalis.

Calluga costalis, Moore, Lep. Ceyl. iii, p. 480, pl. 206, fig. 1, ♂, (1887).

Ceylon.

Genus **Emmelesia.**

3791. Emmelesia pictaria.

Emmelesia pictaria, Moore, Descr. Ind. Lep. Atk., p. 267, (1887).

Darjiling.

Genus **Remodes.**

3792. Remodes abnormis.

Remodes abnormis, Moore, Descr. Ind. Lep. Atk., p. 271, pl. 8, fig. 11, (1887).

Cherrapunji.

3793. Remodes decussata.

Sauris decussata, Moore, Proc. Zool. Soc. Lond. 1867, p. 655, pl. 33, fig. 10.

Bengal.

3794. Remodes fasciata.

Remodes fasciata, Moore, Descr. Ind. Lep. Atk., p. 270, (1887).

Cherrapunji.

3795. Remodes hirudinata.

Sauris hirudinata, Guén., Phal. ii, 362, 1486, (1857).
——— Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, (1862).
Remodes hirudinata, Moore, Lep. Ceyl. iii, p. 484, (1887).

I. M., Ceylon (Colombo Museum).
Collection Swinhoe, Ceylon.

3796. Remodes ignobilis.

Sauris ignobilis, Butler, Ann. Nat. Hist., (5), vi, p. 227, (1880).
——— Ill. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig. 3, (1886).

Darjiling.

3797. Remodes interruptata.

Remodes interruptata, Moore, Descr. Ind. Lep. Atk., p. 270, (1887).
Darjiling, Khasi Hills.

3798. Remodes lineosa.

Remodes lineosa, Moore, Descr. Ind. Lep. Atk., p. 270, pl. 8, fig. 10, (1887).
Darjiling.

3799. Remodes nigripalpata.

Sauris nigripalpata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, (1862).
Remodes nigripalpata, Moore, Lep. Ceyl. iii, p. 484, (1887).
Ceylon.

3800. Remodes proboscidaria.

Sauris proboscidaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, ♀, (1862).
Remodes proboscidaria Moore, Lep. Ceyl. iii, p. 484, pl. 207, fig. 6, ♀, (1887).
Ceylon.

3801. Remodes remodesaria.

Sauris remodesaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1253, (1862).
Remodes remodesaria, Moore, Lep. Ceyl. iii, p. 484, pl. 207, figs. 3 ♂, 5 & 2 ♀, (1887).
Ceylon, Australia.

3802. Remodes triseriata.

Remodes triseriata, Moore, Lep. Ceyl. iii, p. 485, pl. 207, figs. 1 ♂, 4 ♀, (1887).
Ceylon.

Genus **Brabira.**

3803. Brabira atkinsonii.

Brabira atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 271, (1887).
Darjiling.

3804. Brabira pallida.

Brabira pallida, Moore, Descr. Ind. Lep. Atk., p. 271, pl. 8, fig. 12, (1887).
Darjiling.

Genus **Lygranoa.**

3805. Lygranoa cinerea.

Lygranoa cinerea. Butler, Ann. Nat. Hist., (5), vi, p. 228, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig. 4, (1886).
I. M., Sikkim (Swinhoe).
Collection Swinhoe, Sikkim.

3806. Lygranoa rectilineata.

Lygranoa rectilineata, Moore, Descr. Ind. Lep. Atk., p. 272, (1887).
Khasi Hills.

Genus **Anticlea.**

3807. Anticlea cuprearia.

Anticlea cuprearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
Darjiling.

3808. Anticlea lateritiata.

Anticlea lateritiata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

3809. Anticlea occlusata.

Cidaria occlusata, Felder & R. Reise, Novara, pl. 132, fig. 16, ♂, (1874).
Anticlea occlusata, Moore, Lep. Ceyl. iii, p. 485, pl. 207, figs. 7, 8, (1887).
Collection Swinhoe, Ceylon.

3810. Anticlea plumbeata.

Anticlea plumbeata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

3811. Anticlea schistacea.

Anticlea schistacea, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

Genus **Melanippe.**

3812. Melanippe cupreata.

Melanippe cupreata, Moore, Proc. Zool. Soc. Lond. 1867, p. 655,
Bengal.

3813. Melanippe latifusata.

Melanippe latifusata, Walker, Cat. Lep. Het. B. M. xxv, p. 1298, (1862).
Collection Swinhoe, Solun.

3814. Melanippe restitutata.

Melanippe restitutata, Walker, Cat. Lep. Het. B. M. xxv, p. 1297, (1862).
Melanthia restituta (sic), Butler, Proc. Zool. Soc. Lond. 1886, p. 393.
Collection Swinhoe, Dharmsala.

Genus **Coremia.**

3815. Coremia magnificata.

Coremia magnificata, Walker, Cat. Lep. Het. B. M. xxv, p. 1312, (1862).
Nilgiri Hills.

3816. Coremia mediovittaria.

Coremia mediovittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
I. M., Sikkim.
Collection Swinhoe, Darjiling.

Genus **Scotosia**.

3817. Scotosia conspurcata.

Scotosia conspurcata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1685, 186.
I. M., Sikkim.

3818. Scotosia dubiosata.

Scotosia dubiosata, Walker Cat. Lep. Het. B. M. xxv, p. 1352, (1862).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617; and 1886, p. 393.
Punjab, Murree, Nilgiri Hills.

3819. Scotosia expansa.

Scotosia expansa, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).
Darjiling.

3820. Scotosia lativittaria.

Scotosia lativittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.
I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

3821. Scotosia miniosata.

Scotosia miniosata, Walker, Cat. Lep. Het. B. M. xxv, p. 1354, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
I. M., Kulu, Cherrapunji, Sikkim (Barnes), Philippine Islands.
Collection Swinhoe, Sylhet.

3822. Scotosia nubilata.

Scotosia nubilata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).
Darjiling.

3823. Scotosia obliquisignata.

Scotosia obliquisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.
Darjiling.

3824. Scotosia perserrata.

Scotosia perserrata, Walker, Cat. Lep. Het. B. M. xxv, p. 1353, (1862).
South India.

3825. Scotosia rubrodotata.

Scotosia rubrodotata, Walker, Cat. Lep. Het. B. M. xxv, p. 1353, (1862).

India.

3826. Scotosia sordidata.

Scotosia sordidata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).

Darjiling.

3827. Scotosia tremulata.

Scotosia tremulata, Guen., Phal. ii, 448, 1639, (1857).
——————— Walker, Cat. Lep. Het. B. M, xxv, p. 1352, (1862).

N. India.

3828. Scotosia venimaculata.

Scotosia venimaculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 393.

Collection Swinhoe, Sikkim, Thundiani (Punjab).

Genus **Arichanna.**

3829. Arichanna albovittata.

Arichanna albovittata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).

Darjiling.

3830. Arichanna furcifera.

Arichanna furcifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).

Darjiling.

3831. Arichanna maculata.

Arichanna maculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.

Bengal.

3832. Arichanna marmorata.

Arichanna marmorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 659, pl. 33, fig. 3.

Bengal.

3833. Arichanna plagifera.

Scotosia plagifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1686, (1866).
Arichanna plagifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.

I. M., Sikkim (purchased).

3834. Arichanna ramosa.

Scotosia ramosa, Walker, Cat. Lep. Het. B. M. xxxv, p. 1688, (1866).
Arichanna ramosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.

I. M., Sikkim.

3835. ARICHANNA TRAMESATA.

richanna trames sata, Moore, Proc. Zool. Soc. Lond. 1867, p. 658, pl. 33, fig. 2.

Bengal.
Allied to *A. ramosa*, and *A. plagifera*.

Genus **Gandaritis.**

3836. GANDARITIS FLAVATA.

Gandaritis flavata, Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

Bengal.

Genus **Cidaria.**

3837. CIDARIA AFFINIS.

Cidaria affinis, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).

Darjiling.

3838. CIDARIA ALBIGIRATA.

Cidaria albigirata, Kollar, Hüg. Kasch. iv, 2, p. 489, (1848).
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 394.

Murree, Kashmir, Afghanistan.
Allied to *C. picata*, Hübn., of Europe.

3839. CIDARIA ALBOFASCIATA.

Cidaria albofasciata, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).

Darjiling.

3840. CIDARIA ALIENA.

Cidaria aliena, Butler, Ann. Nat. Hist., (5) vi, p. 230, (1880).
———— Ill. Typ. Lep. Het. B. M. vi, p. 89, pl. 120, fig. 11, (1886).

Bhotan.

3841. CIDARIA AMPLICATA.

Cidaria amplicata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).

I. M., Kulu (Young).
Collection Swinhoe, Pegu.

3842. CIDARIA ARGENTILINEATA.

Cidaria argentilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 660, pl. 33, fig. 5.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

3843. Cidaria aurantiaria.

Cidaria aurantiaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 661, pl. 33, fig. 8.

I. M., Sikkim.

3844. Cidaria aurata.

Cidaria aurata, Moore, Proc. Zool. Soc. Lond. 1867, p. 664.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

3845. Cidaria aurigena.

Cidaria aurigena, Butler, Ann. Nat. Hist. (5) vi, p. 230, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 89, pl. 120, fig. 10, (1886).

Collection Swinhoe, Sikkim.

3846. Cidaria bicolor.

Cidaria bicolor, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).

Chumbi.

3847. Cidaria calamistrata.

Cidaria calamistrata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662, pl. 33, fig. 6.

I. M., India.
Collection Swinhoe, Sikkim.
Allied to *C. russata* of Europe.

3848. Cidaria cervinaria.

Cidaria cervinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 664.

Bengal.

3849. Cidaria chalybearia.

Cidaria chalybearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

3850. Cidaria cinereata.

Cidaria cinereata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662.

I. M., Sikkim.
Allied to *C. russata*.

3851. Cidaria curcumata.

Cidaria curcumata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).

Darjiling.

3852. Cidaria delecta.

Cidaria delecta, Butler, Ann. Nat. Hist. (5) vi, p. 229, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 88, pl. 120, fig. 8, (1886).

I. M., Sikkim (purchased).

3853. Cidaria fissisignis.

Cidaria fissisignis, Butler, Ann. Nat. Hist. (5) vi, p. 228, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 87, pl. 120, fig. 7, (1886).

Darjiling.

3854. Cidaria inextricata.

Cidaria inextricata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1691, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

Collection Swinhoe, Sikkim.

3855. Cidaria inspurcata.

Cidaria inspurcata, Walker, Cat. Lep. Het. B. M. xxv, p. 1403, (1862).

S. India.

3856. Cidaria interplagata.

Cidaria interplagata, Guén., Phal. ii, 463, 1669, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxv, p. 1402, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

I. M., Sikkim.

3857. Cidaria jameza.

Cidaria jameza, Butler, Ann. Nat. Hist. (5) i, p. 452, (1878).
——————— Ill. Typ. Lep. Het. B. M. iii, p. 58, pl. 55, fig. 9, (1879).
——————— Proc. Zool. Soc. Lond. 1886, p. 393.

Japan, Murree.

3858. Cidaria maculata.

Cidaria maculata, Moore, Descr. Ind. Lep. Atk. p. 277, (1887).

Darjiling.

3859. Cidaria melidiata.

Cidaria melidiata, Felder & R. Reise, Novara, pl. 132, fig. 42, ♀, (1874).

Himalayas, Lahul.

3860. Cidaria montanata.

Geometra montanata, Wien, Verz. 113, 14.*
———————Bork., Eur. Schm. v, 397, 194.*
——————— Ill. N. Ausg. Dess. i, 456, 14.*
———————Hübn., Geom., pl. 48, fig. 248.*
———————Frey., Beitr., pl. 72, fig. 1, (1831-58).*
———————Sepp., Schm. vi, pl. 20, figs. 1—12.*
Cidaria montanata, Treit., Schm. vi, 2, 201, 34, (1827).*
———————Steph., Ill. Brit. Haust. iii, 219, 10.*
———————Walker, Cat. Lep. Het. B. M. xxv, p. 1289, (1862).
Zanthorhöe montanata, Hübn., Verz. Bek. Schm. 327, 3157, (1816).
Melanippe montanata, Dup., Lep. v, 274, pl. 189, fig. 6, (1824).*
——————— Guén., Phal. ii, 399, 1543, (1857).
Larentia montanaria, Herr. Schoëff., Eur. Schm. iii, 152, 110.*
Melanthia montanaria, Boisd., Ind. 216, 1790.*
Phalæna ocellata, Fabr., Sp. Ins. ii, 262, 118, (1781).
———————Mant. Ins. ii, 206, 178, (1787).
———————Ent. Syst. iii, 2, 188, 216, (1794).
Geometra implicata, Haw., Lep. Brit., 303.*
——————— (? ?) Bork., Eur. Schm. v, 196.*

I. M., Shillong.
Collection Swinhoe, Kulu.
Also recorded from Europe.

3861. Cidaria næmata.

Cidaria næmata, Felder & R. Reise, Novara, pl. 132, fig. 32, ♀, (1874).
Himalayas.

3862. Cidaria nugata.

Cidaria nugata, Felder & R. Reise, Novara, pl. 132, fig. 39, ♀, (1874).
Himalayas.

3863. Cidaria obliquisignata.

Cidaria (?) obliquisignata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).
Darjiling.

3864. Cidaria oblongata.

Cidaria oblongata, Guén., Phal. ii, 472, 1681, (1857).
N. India.

3865. Cidaria perpulchra.

Cidaria perpulchra, Butler, Proc. Zool. Soc. Lond. 1886, p. 393.
Murree.

3866. Cidaria ramalaria.

Cidaria ramalaria, Felder & R. Reise, Novara, pl. 132, fig. 31, ♀, (1874).
I. M., Kulu (Young).
Collection Swinhoe, Kulu.

3867. Cidaria relata.

Cidaria relata, Butler, Ann. Nat. Hist., (5) vi, p. 229, (1880).
——————— Ill. Typ. Lep. Het. B. M. vi, p. 88, pl. 120, fig. 9, (1886).

N.-E. Himalayas.

3868. Cidaria reticulata.

Cidaria reticulata, Moore, Proc. Zool. Soc. Lond. 1867, p. 662.

Bengal.

3869. Cidaria seriata.

Cidaria seriata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).

Darjiling.

3870. Cidaria signata.

Cidaria signata, Moore, Proc. Zool. Soc. Lond. 1867, p. 661.

Collection Swinhoe, Sikkim.

3871. Cidaria subapicaria.

Cidaria subapicaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

I. M., Sikkim.
Collection Swinhoe, Darjiling.
Allied to *C. russata*.

3872. Cidaria subseparata.

Cidaria subseparata, Walker, Cat. Lep. Het. B. M. xxv, p. 1403, (1862).

South India.

3873. Cidaria substituta.

Cidaria substituta, Walker, Cat. Lep. Het. B. M., xxxv, p. 1691, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

I. M., Sikkim.
Collection Swinhoe, Darjiling, Roorkee.

3874. Cidaria trisignata.

Cidaria trisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

Bengal.

3875. Cidaria viridata.

Cidaria viridata, Moore, Proc. Zool. Soc. Lond. 1867, p. 661.

Darjiling.

Genus **Eustroma.**

3876. Eustroma decurrens.

Eustroma decurrens, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).
Cidaria oblongata, Walker (*nec* Guén.), Cat. Lep. Het. B. M. xxv, p. 1402, (1862).

Nynee Tal.

3877. Eustroma dentifera.

Eustroma dentifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).

Cherrapunji.

3878. Eustroma dissecta.

Eustroma dissecta, Moore, Lep. Ceyl. iii, p. 488, pl. 207, fig. 9, ♀, (1887).

Ceylon.

3879. Eustroma muscicolor.

Eustroma muscicolor, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).

Darjiling.

3880. Eustroma obscurata.

Cidaria obscurata, Moore, Proc. Zool. Soc. Lond. 1867, p. 663, pl. 33, fig. 7.

Bengal.

3881. Eustroma porphyriata.

Eustroma porphyriata, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).

Darjiling.

3882. Eustroma siderifera.

Eustroma siderifera, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).

Darjiling.

3883. Eustroma triangulifera.

Eustroma triangulifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).

Darjiling.

Genus **Harpalyce.**

3884. Harpalyce kashmirica.

Harpalyce kashmirica, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).

Kashmir.

Genus **Stammodes.**

3885. Stammodes pamphilata.

Stammodes pamphilata, Felder & R. Reise, Novara, pl. 132, fig. 34, (1874).

Collection Swinhoe, Kulu, Thundiani (Punjab).

Genus **Callipia.**

3886. CALLIPIA PARRHASIATA.

Callipia parrhasiata, Guén., Phal. ii, 515, 1752, pl. 21, fig. 5, (1857).
——————Walker, Cat. Lep. Het. B. M., xxv, p. 1458, (1862).

Bengal.

Genus **Nadagara.**

3887. NADAGARA VIGAIA.

Nadagara vigaia, Walker, Cat. Lep. Het. B. M. xxiv, p. 1093, (1862).
—————— Moore, Lep. Ceyl. iii, p. 474, (1887).

Ceylon.

Genus **Collix.**

3888. COLLIX CONTRIBUTARIA.

Collix (?) contributaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1249, (1862).
—————— Moore, Lep. Ceyl. iii, p. 483, (1887).

Ceylon.

3889. COLLIX FLAVOFASCIATA.

Collix flavofasciata, Moore, Descr. Ind. Lep. Atk., p. 270, pl. 8, fig. 25, (1887).

Darjiling.

3890. COLLIX GHOSHA.

Lobophora Ghosha, Walker, List Ceyl Ins.*
Collix ghosha, Walker, Cat. Lep. Het. B. M. xxiv, p. 1249, (1862).
—————— Moore, Lep. Ceyl. iii, p. 482, pl. 206, figs. 9, 10, 10 *a*, (1887).

Collection Swinhoe, Poona, Bombay, Ceylon.

3891. COLLIX HYPOSPILATA.

Collix hypospilata, Guén., Phal. ii, 358, 1481, (1857).
—————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1248, (1862).
Lobophora salisuca, Walker, Ceyl. Ins.*

I. M., Mahableshwar (Swinhoe).

Collection Swinhoe, Ceylon, Mahableshwar, Nilgiri Hills.

Genus **Thera.**

3892. THERA KASHGHARA.

Thera kashghara, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
—————— 2nd Yarkand Mission Calc., p. 15, pl. 1, fig. 23 (1879).

I. M., Yarkand (Moore's type).

Genus **Ypsipetes.**

3893. Ypsipetes (?) imbrata.

Ypsipetes (?) imbrata, Guén., Phal. ii, 389, 1507, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1269, (1862).

N. India.

Genus **Camptogramma.**

3894. Camptogramma (?) blitearia.

Camptogramma (?) blitearia, Walker, Cat. Lep. Het. B. M. xxvi, p. 1716, (1862).
——————— Moore, Lep. Ceyl. iii, p. 487, (1887).

Ceylon.

Genus **Plemyria.**

3895. Plemyria baccata.

Camptogramma baccata, Guén., Phal. ii, 430, 1604, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxv, p. 1327, (1862).
Plemyria baccata, Moore, Lep. Ceyl. iii, p. 486, pl. 206, fig. 7, (1887).
Cidaria peracutata, Walker, *loc. cit.* xxv, 1421, (1862).

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Lampropteryx.**

3896. Lampropteryx cingala.

Lampropteryx cingala, Moore, Lep. Ceyl. iii, p. 489, pl. 207, fig. 10, ♀, (1887).

Ceylon.

3897. Lampropteryx molata.

Cidaria molata, Felder & R. Reise, Novara, pl. 132, fig. 23, ♂, (1874).
Lampropteryx molata, Moore, Lep. Ceyl. iii, p. 489, pl. 207, figs. 11, 12, ♂, ♀, (1887).

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills, Ceylon.

Genus **Lobophora.**

3898. Lobophora decorata.

Lobophora decorata, Moore, Descr. Ind. Lep. Atk., p. 272, (1887).

Darjiling.

3899. Lobophora sikkima.

Lobophora Sikkima, Moore, Descr. Ind. Lep. Atk., p. 272, pl. 8, fig. 30, (1887).

Rungchu Valley, Sikkim.

Genus **Phibalapteryx.**

3900. PHIBALAPTERYX HYDROCAMPATA.

Phibalapteryx hydrocampata, Guén., Phal. ii, 438, 1620, (1857).
———————— Walker, Cat. Lep. Het. B. M. xxv, p. 1339, (1862).

N. India.

3901. PHIBALAPTERYX PLURILINEATA.

Phibalapteryx plurilineata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).

Cherrapunji, Khasi Hills.

FAMILY EUBOLIDÆ.

Genus **Docirava.**

3902. DOCIRAVA ÆQUILINEATA.

Docirava æquilineata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1635, (1862).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
———————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig. 5, (1886).

Collection Swinhoe, Solun.

3903. DOCIRAVA MACROCALATA.

Anaitis (?) macrocalata, Walker, Cat. Lep. Het. B. M. xxv, p. 1447, (1862).

India.

3904. DOCIRAVA MEDMARIA.

Orsonoba (?) medmaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1521, (1862).
Anaitis medmaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 664.
Docirava medmaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 87, pl. 120, fig. 6, (1886).
Eubolia reciproca, Walker, *loc. cit.* xxxv, p. 1698, (1866).

I. M., Sikkim (Dreyer).
Collection Swinhoe, Darjiling.
Allied to *D. macrocalata*.

3905. DOCIRAVA UVARIA.

Aspilates uvaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1681, (1862).
Docirava uvaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
Anaitis vastata, Walker, *loc. cit.* xxxv, p. 1700, (1866).

Darjiling.

Genus **Anaitis.**

3906. ANAITIS (?) CURVILINEATA.

Anaitis (?) curvilineata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1741, (1862).

India.

3907. Anaitis fulgurata.

Anaitis fulgurata, Guén., Phal. ii, 498, 1725, (1857).
———— Walker, Cat. Lep. Het. B. M. xxv, p. 1447, (1862).

India.

3908. Anaitis pudicata.

Anaitis pudicata, Guén., Phal. ii, 497, 1722, (1857).
———— Walker, Cat. Lep. Het. B. M. xxv, p. 1446, (1862).

I. M., Almorah (purchased).
Collection Swinhoe, Sikkim.

Genus **Onychia.**

3909. Onychia grisea.

Nadagara grisea, Butler, Proc. Zool. Soc. Lond. 1883, p. 172; and 1886, p. 390.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 457.

I. M., Kulu (Young).
Collection Swinhoe, Darjiling, Simla, Mhow.

3910. Onychia lativitta.

Onychia lativitta, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).

Darjiling.

3911. Onychia violacea.

Onychia violacea, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).

Darjiling.

Family IDŒIDÆ.

Genus **Idœa.**

3912. Idœa absconditaria.

Acidalia absconditaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 757, (1861).
Idœa absconditaria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.

I. M., Calcutta.
Collection Swinhoe, Mhow, Poona, Bombay, Alibagh.
Also recorded from China.

3913. Idœa actiosaria.

Acidalia actiosaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).
Idœa actiosaria, Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 11, ♂, (1887).

Ceylon.

3914. Idœa acutaria.

Acidalia acutaria, Walker, Cat. Lep. Het. B. M. xxii, p. 752, (1861).
Idœa actuaria, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527; and 1885, p. 857.
——— Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 8, (1887).

I. M., Karachi, Bombay (Swinhoe), Kulu (Young), Andaman Islands (purchased).
Collection Swinhoe, Bombay, Karachi.
Also recorded from Ceylon.

3915. Idœa adeptaria.

Acidalia adeptaria, Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).
Idœa adeptaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.
——— Moore, Lep. Ceyl. iii, p. 454, pl. 200, fig. 9, (1887).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

3916. Idœa ærata.

Acidalia ærata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

I. M., Kulu (Young).
Collection Swinhoe, Darjiling, Solun, Kasauli.

3917. Idœa albomaculata.

Idœa albomaculata, Moore, Descr. Ind. Lep. Atk., 253, (1887).

Darjiling.

3918. Idœa albosignata.

Idœa (?) albosignata, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).

Darjiling.

3919. Idœa anaitisaria.

Acidalia (?) anaitisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 795, (1861).

Collection Swinhoe, Nilgiri Hills.

3920. Idœa aspilataria.

Acidalia aspilataria, Walker, Cat. Lep. Het. B. M. xxiii, p. 791, (1861).
——— Moore, Lep. Ceyl. iii, p. 454, pl. 201, fig. 6, (1887).

Ceylon.

3921. Idœa attentata.

Acidalia attentata, Walker, Cat. Lep. Het. B. M. xxii, p. 754, (1861).
——— Moore, Proc. Zool. Soc. Lond. 1877, p. 622; and 1878, p. 852.
Idœa attentata, Moore, Lep. Ceyl. iii, p. 454, pl. 201, fig. 5, (1887).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Tenasserim, Andaman Islands, Ceylon.

3922. Idœa bicaudata.

Acidalia bicaudata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643, pl. 33, fig. 12.

I. M., Kulu.
Collection Swinhoe, Darjiling.

3923. Idœa cæsaria.

Acidalia cæsaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).
Idœa cæsaria, Moore, Lep. Ceyl. iii, p. 454, pl. 200, fig. 10, (1887).
Acidalia obturbata, Walker, *loc. cit.* xxii, p. 755, (1861).
Acidalia (?) *perfectaria*, Walker, *loc. cit.* xxiii, p. 783, (1861).

Ceylon.

3924. Idœa celebraria.

Acidalia celebraria, Walker, Cat. Lep. Het. B. M. xxiii, p. 794, (1861).

S. India.

3925. Idœa chotaria.

Idœa chotaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 57, fig. 14; and 1886, p. 455.

Collection Swinhoe, Mhow, Poona, Bombay.

3926. Idœa contigaria.

Acidalia (?) *contigaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 754, (1861).

N. India.

3927. Idœa distracta.

Acidalia distracta, Butler, Proc. Zool. Soc. Lond. 1881, p. 616.
Idœa distracta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

Collection Swinhoe, Karachi.

3928. Idœa effrenata.

Acidalia effrenata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1756, (1862).

Bhotan.

3929. Idœa emissaria.

Acidalia emissaria, Walker, Cat. Lep. Het. B. M. xxii, p. 751, (1861).

India.

3930. Idœa fibulata.

Acidalia fibulata, Guén., Phal. i, 490, 844, pl. 15, fig. 5, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).
Acidalia cleoraria, Walker, *loc. cit.*, xxiii, p. 792, (1861).
Ephyra cleoraria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885; p. 856; and 1886, p. 454.

I. M., Khasi Hills, Campbellpur, Poona and Bombay (Swinhoe), Kulu (Young).

Collection Swinhoe, Solun, Mhow, Punjab, Karachi, Satara, Poona, Bombay, Nilgiri Hills, Ceylon.

3931. Idœa gemmifera.

Acidalia (?) gemmifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 644.

Collection Swinhoe, Darjiling.

3932. Idœa grandicularia.

Idœa grandicularia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 11.

Collection Swinhoe, Poona.

3933. Idœa humeraria.

Acidalia humeraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1606, (1862).

Collection Swinhoe, Solun.

3934. Idœa idearia.

Idœa idearia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857, pl. 56, fig. 15.

Collection Swinhoe, Poona, Bombay, Alibagh.

3935. Idœa inductata.

Acidalia inductata, Walker, Cat. Lep. Het. B. M. xxiii, p. 792, (1861).
Idœa inductata, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.

Collection Swinhoe, Karachi.
Also recorded from Ceylon.

3936. Idœa intensata.

Idœa intensata, Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 7, (1887).

Ceylon.

3937. Idœa invalida.

Acidalia invalida, Butler, Ann. Mag. Nat. Hist. (5) iv, p. 439, (1879).
Idœa invalida, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.

Collection Swinhoe, Karachi.

3938. Idœa jacta.

Idœa jacta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, pl. 48, fig. 12.
Collection Swinhoe, Karachi.

3939. Idœa ligataria.

Acidalia ligataria, Walker, Cat. Lep. Het. B. M. xxii, p. 748, (1861).
Idœa ligataria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.
Collection Swinhoe, Bombay.

3940. Idœa metaspilaria.

Acidalia metaspilaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 793, (1861).
S. India.

3941. Idœa mundissima.

Acidalia (?) mundissima, Walker, Cat. Lep. Het. B. M. xxiii, p. 795, (1861).
S. India.

3942. Idœa nesciaria.

Acidalia nesciaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).
Idœa nesciaria, Moore, Lep. Ceyl. iii, p. 454, (1887).
Acidalia negataria, Walker, *loc. cit.*, xxii, p. 751, (1861).
Idœa negataria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.
———— Proc. Zool. Soc. Lond. 1886, p. 455.
Collection Swinhoe, Kandahar.
Also recorded from Ceylon.

3943. Idœa nictata.

Acidalia nictata, Guén., Phal. i, 506, 876, (1857).
———— Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).
N. India.

3944. Idœa patularia.

Acidalia patularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1633, (1866).
Idœa patularia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.
I. M., Kulu (Young).
Collection Swinhoe, Mhow, Poona, Bombay.

3945. Idœa profanaria.

Acidalia profanaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1628, (1866).
S. India.

3946. Idœa regulata.

Acidalia regulata, Walker, Cat. Lep. Het. B. M. xxiii, p. 794, (1861).
India.

3947. Idœa relictata.

Acidalia (?) relictata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1629, (1866).
India.

3948. Idœa remotata.

Acidalia remotata, Guén., Phal. i, 458, 762, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 748, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 622.
Idœa remotata, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526; 1885, p. 857; and 1886, p. 455.
Collection Swinhoe, Depalpur, Poona, Bombay, Purundhar, Karachi.

3949. Idœa subdeterminata.

Acidalia subdeterminata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1606, (1862).
S. India.

3950. Idœa tephrosaria.

Acidalia tephrosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.
Collection Swinhoe, Sikkim.
Allied to *I. contigara*.

3951. Idœa undulataria.

Idœa undulataria, Moore, Descr. Ind. Lep. Atk., p. 252, (1887).
Collection Swinhoe, Khasi Hills, Sikkim.

3952. Idœa walkeri.

Idœa walkeri, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.
Acidalia extimaria, Walker, Cat. Lep. Het. B. M., xxiii, p. 794, No. 280, *nec* p. 782, No. 252, (1861).
Idœa extimaria, Moore, Lep. Ceyl. iii, p. 455, pl. 204, fig. 5, (1887).
I. M., Mergui (Anderson), Ranchi (Irvine), Bombay and Khandalla (Swinhoe), Andaman Islands (De Roepstorff).
Collection Swinhoe, Khasi Hills, Sikkim, Solun, Mhow, Poona, Bombay, Khandalla, Nilgiri Hills.

Genus **Craspedia.**

3953. Craspedia addictaria.

Acidalia addictaria, Walker, Cat. Lep. Het. B. M. xxii, p. 749, (1861).
Idœa addictaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886, p. 455.
Craspedia addictaria, Moore, Lep. Ceyl. iii, p. 451, pl. 201, figs. 3, 4, (1887).
Collection Swinhoe, Solun, Mhow, Poona, Alibagh.

3954. Craspedia deliciosaria.

Acidalia deliciosaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 791, (1861).
Craspedia deliciosaria, Moore, Lep. Ceyl. iii, p. 451, pl. 201, fig. 7, (1887).

India, Ceylon.

3955. Craspedia kashmirensis.

Craspedia kashmirensis, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).
Kashmir.

3956. Craspedia ornata.

Phalæna ornata, Scop. Ent. Carn. 219, 545.
——————— Rossi, Faun. Etrusc. ii, 196, 1177.*
——————— Fabr., Ent. Syst. iii, 2, 201, 262, (1793).
——————— Bork., Eur. Sch. v, 462, 227.*
Geometra ornata, Wien., Verz. 117, 14.*
——————— Ill. N. Ausg. Dess. i, 482, 14.*
Idæa ornata, Treit., Schm. vi, 2, 283, 15.*
——————— Butler, Proc. Zool. Soc. Lond. 1886, p. 390.
Acidalia ornata, Dup., Lep. v, 45, pl. 173, fig. 4.*
——————— Boisd, Ind. 221, 1835.*
——————— Herr Schoeff, Eur. Sch. iii, 25, 66.*
——————— Delah, Sch. 42.*
——————— Guén, Phal. i, 485, 831, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 701, (1861).
——————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.
Ptychopoda ornata, Steph., Ill. Brit. Haust. iii, 307, 6.*
Geometra ornataria, Esper., Schm. v, pl. 51, figs. 2, 4.*
——————— Hübn., Geom., pl. 14, fig. 70.*
——————— Haw., Lep. Brit. 355.*
Craspedia ornataria, Hübn., Verz. Sch. 312, 3011.
Phalæna instituta, Hübn., Berl. Mag. iv, 5, 526, 47;* Naturf. xi, 74, 47.*

I. M., Kulu (Young), Sikkim, Ranchi (Irvine).
Collection Swinhoe, Solun, Quetta, Kandahar, Nilgiri Hills.
Also recorded from Europe.

3957. Craspedia pedilata.

Acidalia pedilata, Felder & R. Reise, Novara, pl. 128, fig. 1, ♂, (1874).
Craspedia pedilata, Moore, Lep. Ceyl. iii, p. 452, pl. 201, fig. 9, ♀, (1887).
Ceylon.

3958. Craspedia persimilis.

Craspedia persimilis, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).
Chumba, Dharmsala, Umballa, Solun.

3959. Craspedia similaria.

Craspedia similaria, Waterhouse, Aid, pl. 115, fig. 2, (1884).
Darjiling.

3960. Craspedia stigmata.

Craspedia stigmata, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).

N.-W. India, Solun.

3961. Craspedia turpisaria.

Acidalia turpisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 771, ♀, (1861).
Craspedia (?) turpisaria, Moore, Lep. Ceyl. iii, p. 452, pl. 201, fig. 10, ♀, (1887).

Collection Swinhoe, Mahableshwar.
Also recorded from Ceylon, Borneo.

Genus **Rambara.**

3962. Rambara dentifera.

Rambara dentifera, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).

Darjiling.

3963. Rambara infelix.

Zanclopteryx infelix, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 13.

Collection Swinhoe, Poona, Khandalla.

3964. Rambara saponaria.

Zanclopteryx saponaria, Guén., Phal. ii, 16, 915, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxiii, p. 810, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 622.
Rambara saponaria, Moore, Lep. Ceyl. iii, p. 459, pl. 303, fig. 8, (1887).

Singapore, Ceylon, Andaman Islands, India.

Genus **Micrœschus.**

3965. Micrœschus elataria.

Hyria elataria, Walker, Cat. Lep. Het. B. M., xxii, p. 665, (1861).
Micrœschus elataria, Butler, Ann. Nat. Hist., (5) i, (1878), p. 402.
——————— Moore, Lep. Ceyl. iii, p. 449, (1887).

Ceylon.

3966. Micrœschus oblataria.

Hyria oblataria, Walker, Cat. Lep. Het. B. M. xxii, p. 665, (1861).
Micrœschus oblataria, Moore, Lep. Ceyl. iii, p. 449, pl. 200, fig. 6, (1887).

Ceylon.

Genus **Pseudasthena.**

3967. Pseudasthena dissimilis.

Pseudasthena dissimilis, Moore, Lep. Ceyl. iii, p. 450, pl. 199, fig. 7, (1887).

Ceylon.

3968. Pseudasthena grataria.

Hyria grataria, Walker, Cat. Lep. Het. B. M. xxii, p. 663, (1861).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858.
Pseudasthena grataria, Moore, Lep. Ceyl. iii, p. 451, pl. 200, fig. 3, (1887).
Collection Swinhoe, Poona, Mahableshwar.
Also recorded from Ceylon.

3969. Pseudasthena lunulosa.

Pseudasthena lunulosa, Moore, Lep. Ceyl. iii, p. 450, pl. 200, figs. 5, 5*a*, (1887).
Ceylon.

3970. Pseudasthena memorata.

Pomasia memorata, Walker, Cat. Lep. Het. B. M., xxii, p. 657, (1861).
Pseudasthena memorata, Moore, Lep. Ceyl. iii, p. 450, pl. 199, fig. 8, (1887).
India, Ceylon.

3971. Pseudasthena rhodinaria.

Hyria (?) *rhodinaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 666, (1861).
Pseudasthena rhodinaria, Moore, Lep. Ceyl. iii, p. 450, (1887).
Ceylon.

Genus **Hyria**.

3972. Hyria bicolorata.

Hyria bicolorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.
Bengal.

3973. Hyria bilineata.

Hyria bilineata, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 455.
Collection Swinhoe, Assirgarh.

3974. Hyria deviaria.

Hyria deviaria, Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).
Collection Swinhoe, Nilgiri Hills.

3975. Hyria marcidaria.

Hyria (?) *marcidaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 663, (1861).
———— Moore, Lep. Ceyl. iii, p. 448, (1887).
Collection Swinhoe, Ceylon.

3976. Hyria mitigata.

Hyria mitigata, Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).
N. India.

3977. Hyria olearia.

Hyria olearia, Guén., Phal. i, 430, 707, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).

N. India.

3978. Hyria ornata.

Hyria ornata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

Bengal.

3979. Hyria pluristrigata.

Hyria (?) pluristrigata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

Collection Swinhoe, Sikkim.

3980. Hyria trilineata.

Hyria trilineata, Moore, Proc. Zool. Soc. Lond. 1877, p. 642.

Collection Swinhoe, Darjiling.

3981. Hyria undulosata.

Hyria undulosata, Moore, Descr. Ind. Lep. Atk., p. 251, (1887).

Darjiling.

3982. Hyria volutaria.

Hyria volutaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56, fig. 14.

Bombay.

Genus **Bardanes.**

3983. Bardanes plicata.

Bardanes plicata, Moore, Descr. Ind. Lep. Atk., p. 251, pl. 8, fig. 22, (1887).

Darjiling.

Genus **Asthena.**

3984. Asthena querula.

Asthena querula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 859, pl. 56, fig. 16.

Poona.

3985. Asthena sunandeva.

Pomasia sunandeva, Walker, Cat. Lep. Het. B. M. xxii, p. 657, (1861).
Asthena sunandeva, Moore, Lep. Ceyl. iii, p. 449, pl. 200, fig. 4, (1887).

I. M., Andaman Islands.
Collection Swinhoe, Ceylon.

3986. Asthena tristicula.

Asthena tristicula, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859, pl. 56, fig. 17.

Collection Swinhoe, Bombay.

3987. Asthena urbica.

Asthena urbica, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859.

Collection Swinhoe, Bombay, North Kanara.

Genus **Runeca.**

3988. Runeca ferrilineata.

Runeca ferrilineata, Moore, Descr. Ind. Lep. Atk., 252, pl. 8, fig. 13, (1887).

Darjiling.

Genus **Timandra.**

3989. Timandra albifrontata.

Timandra albifrontata, Moore, Descr. Ind. Lep. Atk., p. 255, (1887).

Darjiling.

3990. Timandra aventiaria.

Timandra aventiaria, Guén., Phal. ii, p. 3, 896, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 801, (1861); and xxvi, p. 1617, (1862).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 644.
Erastria aventiaria, Moore, Lep. Ceyl. iii, p. 458, pl. 202, figs. 4, 4*a*, 1887.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Sylhet, Ceylon, Australia.

3991. Timandra convectaria.

Timandra convectaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 800, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 644.
Erastria convectaria, Moore, Lep. Ceyl. iii, p. 457, pl. 202, figs. 3, 3*a*, (1887).
Timandra comptaria, Walker, *loc. cit.* xxvi, p. 1615, (1862).

I. M., Sikkim.
Collection Swinhoe, Solun, Sylhet, Ceylon, Mahableshwar, Nilgiri Hills.

3992. Timandra responsaria.

Timandra responsaria, Moore, Descr. Ind. Lep. Atk., p. 255, (1887).

Cherrapunji.

3993. Timandra semicompleta.

Timandra semicompleta, Walker, Cat. Lep. Het. B. M. xxvi, p. 1616, (1862).

India.

3994. Timandra subobliquaria.

Timandra subobliquaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 644.

Bengal.

Genus **Somatina.**

3995. Somatina anthophilata.

Somatina anthophilata, Guén., Phal. ii, p. 11, 907, pl. 18, fig. 2, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 806, (1861).
——————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859.

Collection Swinhoe, Poona, Bombay.

3996. Somatina plurilinearia.

Somatina plurilinearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 645.

I. M., Kulu, Sikkim.
Collection Swinhoe, Darjiling.

3997. Somatina plynusaria.

Anisodes plynusaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 641.

Collection Swinhoe, Nilgiri Hills.
Also recorded from Sylhet.

3998. Somatina purpurascens.

Somatina purpurascens, Moore, Lep. Ceyl. iii, p. 540, pl. 202, figs. 2, 2*a*, (1887).

Ceylon.

Genus **Agnibesa.**

3999. Agnibesa pictaria.

Somatina (?) *pictaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.
Agnibesa pictaria, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).

Collection Swinhoe, Sikkim.

4000. Agnibesa recurvilineata.

Agnibesa recurvilineata, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).

Darjiling.

Genus **Trygodes.**

4001. Trygodes divisaria.

Macaria divisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 927, (1861).
Trygodes divisaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 642; and 1877, p. 621.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Kanara and Celebes.

4002. Trygodes ferrifera.

Trygodes ferrifera, Moore, Descr. Ind. Lep. Atk., p. 255, pl. 8, fig. 18, (1887).

Darjiling.

4003. Trygodes vagata.

Macaria vagata, Walker, Cat. Lep. Het. B. M. xxiii, p. 927, (1861).
Trygodes vagata, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.

Collection Swinhoe, Sylhet.

Genus **Emodes.**

4004. Emodes sinuosa.

Emodes sinuosa, Moore, Descr. Ind. Lep. Atk., p. 256, pl. 8, fig. 18, (1887).

Khasi Hills.

Genus **Pomasia.**

4005. Pomasia psylaria.

Pomasia psylaria, Guén., Phal. i, 428, 702, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxii, p. 656, (1861).
——————— Moore, Lep. Ceyl. iii, p. 448, pl. 200, fig. 2, (1887).

Collection Swinhoe, Ceylon.

Genus **Luxiaria.**

4006. Luxiaria exclusa.

Hemerophila (?) exclusa, Walker, Cat. Lep. Het. B. M. xxi, p. 320, ♂, (1860).
Bithia exclusa, Walker, *loc. cit.* xxxv, p. 1599, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 621; and 1878, p. 852.
Luxiaria exclusa, Moore, Lep. Ceyl. iii, p. 457, pl. 202, fig. 5, ♀, pl. 215, fig. 4, ♂, (1887).
Hemerophila prætereuns, Walker, *loc. cit.* xxi, p. 320, (1860).
Acidalia imprimata, Walker, *loc. cit.* xxiii, p. 771, (1861).
Macaria obstataria, Walker, *loc. cit.* xxiii, p. 928, (1861).
Bithia lignaria, Walker, *loc. cit.* xxxv, p. 1600, (1866).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Ceylon, North Kanara, Andaman Isles.

4007. Luxiaria fasciosa.

Luxiaria fasciosa, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Darjiling.

4008. Luxiaria intensata.

Luxiaria intensata, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Darjiling.

4009. Luxiaria obliquata.

Luxiaria obliquata, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Collection Swinhoe, Sikkim.

4010. Luxiaria phyllosaria.

Drepanodes (?) phyllosaria, Walker, Cat. Lep. Het. B. M. xx, p. 82, (1860).
Luxiaria phyllosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 617.

Bengal.

Genus **Phalacra.**

4011. Phalacra vidhisara.

Hemerophila vidhisara, Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).
Phalacra vidhisara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
——————— Moore, Lep. Ceyl. iii, p. 541, pl. 201, figs. 1, 1*a*, (1887).
Phalacra metagonaria, Walker, *loc. cit.* xxxv, p. 1639, ♂, (1866).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Collection Swinhoe, Bombay, Alibagh, Calcutta.
Also recorded from Ceylon.

Family MICRONIDÆ.

Genus **Micronia.**

4012. Micronia aculeata.

Micronia aculeata, Guén., Phal. ii, p. 26, 928, pl. 13, fig. 8, ♀, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 817, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646; 1877, p. 622; and 1878, p. 852.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
——————— Moore, Lep. Ceyl. iii, p. 460, pl. 203, fig. 1, ♀, (1887).
Micronia gannata, Guén., Phal. ii, 26, 929, ♂.
——————— Walker, *loc. cit.* xxiii, p. 817, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

I. M., Buxar, Tavoy, Cachar, Mergui, Sibsaghar, Kulu (Young), Calcutta, Andaman Islands, Sikkim.
Collection Swinhoe, Mirzápore, Poona, Nilgiri Hills, Ceylon.

4013. Micronia obliquaria.

Micronia obliquaria, Moore, Proc. Zool. Soc. Lond. 1877, p. 622, pl. 60, fig. 17.

Andaman Islands, Darjiling.

4014. Micronia sparsaria.

Micronia sparsaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 818, (1861).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Collection Swinhoe, Buxar, Sikkim, Maldah, Burma.

4015. Micronia teriadata.

Micronia teriadata, Guén., Phal. ii, 29, 936, (1857).
——————— Walker, Cat. Lep. Het. B. M. xxiii, p. 825, (1861).

India.

Genus **Strophidia.**

4016. STROPHIDIA FASCIATA.

Phalæna (Geometra) fasciata, Cram., Pap. Exot. ii, 12, pl. 104, fig. *D*, (1779).
Micronia fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
Strophidia fasciata, Moore, Lep. Ceyl. iii, p. 460, pl. 203, fig. 7, (1887).
Phalæna caudata, Fabr., Ent. Syst. iii, 2, 163, 124, (1794).
Micronia caudata, Guén., Phal. ii, 25, 926, (1857).
Strophidia caudaria, Hubn., Verz. Schm. 290, 2817, (1816).
Micronia obtusata, Guén., Phal. ii, 25, 927, pl. 5, fig. 6, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 816, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 646; and 1877, p. 622.

I. M., Tavoy (Moti Ram), Sikkim (purchased), Andaman Islands (purchased), Sibsaghar (Peal).
Collection Swinhoe, Darjiling.

Genus **Pseudomicronia.**

4017. PSEUDOMICRONIA CŒLATA.

Pseudomicronia cœlata, Moore, Descr. Ind. Lep. Atk., p. 257, (1887).
Micronia caudata, Walker (*nec* Fabr.), Cat. Lep. Het. B. M. xxiii, p. 817, (1861).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Collection Swinhoe, Darjiling, Belgaum, Mahableshwar.

4018. PSEUDOMICRONIA FRATERNA.

Pseudomicronia fraterna, Moore, Lep. Ceyl. iii, p. 461, pl. 203, fig. 2, ♀, (1887).

Ceylon.

Genus **Micronidia.**

4019. MICRONIDIA SIMPLICIATA.

Micronia simpliciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
Micronidia simpliciata, Moore, Descr. Ind. Lep. Atk., p. 258, (1887).

Collection Swinhoe, Darjiling.

Genus **Acropteris.**

4020. ACROPTERIS CASEATA.

Micronia caseata, Guén., Phal. ii, 27, 932, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 824, (1861).
———— Moore, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, (1884) p. 237.

I. M., Sikkim (Barnes), Sibsaghar (Peal), Mussourie (Templeton), Cachar (Wood-Mason), Tavoy (Moti Ram), Mergui (Anderson).
Also recorded from Java.

4021. Acropteris grammearia.

Acropteris grammearia, Geyer, Hübn. Zutr., p. 38, 381, fig. 761, 762, (1825).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 824, (1861).
Micronia grammearia, Guén., Phal. ii, 27, 931, (1857).
———— Moore, Proc. Zool. Soc. Lond. 1878, p. 852.

Tenasserim.

4022. Acropteris striataria.

Phalæna (Geometra) striataria, Clerck, Icon., pl. 55, fig. 4, (1759).
———— Linn., Syst. Nat. 1, pt. 2, p. 2418, 197, (1767).
———— Gmel., Ed. Syst. Nat. i, 5, 2448, 197.
Micronia striataria, Guén., Phal. ii, 28, 934, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 818, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
Acropteris striataria, Moore, Descr. Ind. Lep. Atk., p. 257, (1887).

Collection Swinhoe, Sylhet.

4023. Acropteris vagata.

Micronia vagata, Moore, Proc. Zool. Soc. Lond. 1877, p. 622, pl. 60, fig. 18; and 1878, p. 852.

I. M., Dunsiri, Tavoy (Moti Ram), Mergui (Anderson).

Genus **Ditrigona.**

4024. Ditrigona triangularia.

Urapteryx triangularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
Ditrigona triangularia, Moore, Descr. Ind. Lep. Atk., p. 258, (1887).

Collection Swinhoe, Sikkim.

Genus **Urapteroides.**

4025. Urapteroides astheniata.

Micronia astheniata, Guén., Phal. ii, 24, 925, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 821, (1861).
———— West., Trans. Zool. Soc. Lond. 1879, p. 514.
Urapteroides astheniata, Moore, Descr. Ind. Lep. Atk., p. 259, (1887).

Darjiling, Borneo.

Genus **Pigia.**

4026. Pigia infantularia.

Pigia infantularia, Guén., Phal. ii, 20, 924, (1857).
———— Walker, Cat. Lep. Het. B. M. xxiii, p. 813, (1861).
Micronia vanaria, Walker, *loc. cit.* xxiii, p. 820, (1861).

Ceylon.

Genus **Myrteta.**

4027. Myrteta planaria.

Myrteta planaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 831, (1861).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
———— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 77, pl. 118, fig. 9, (1886).

Collection Swinhoe, Darjiling.

Government of India Central Printing Office.—No. 4 I. M.—6-12-88.—100.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part V.—PYRALES.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1889.

Price Twelve Annas

Presented

by

The Trustees

of

The Pulian Museum.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part V.—PYRALES.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1889.

Group PYRALES.

Family BOTYDIDÆ.

Genus Dadessa.

4028. Dadessa elycesalis.

Botys elycesalis, Walker, Cat. Lep. Het. B. M. xix, p. 995, (1859).
India.

4029. Dadessa evaxalis.

Botys evaxalis, Walker, Cat. Lep. Het. B. M. xix, p. 995, (1859).
Dadessa evaxalis, Moore, Lep. Ceyl. iii, p. 333, pl. 183, fig. 3, ♂, (1886).
Ceylon.

Genus Conogethes.

4030. Conogethes alboflavalis.

Conogethes alboflavalis, Moore, Descr. Ind. Lep. Atk., p. 220, (1887).
Darjiling.

4031. Conogethes punctiferalis.

Astura punctiferalis, Guén., Delt. et Pyral., p. 320, No. 347, (1854).
——————— Walker, Cat. Lep. Het. B. M., xviii, p. 548, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Botys punctiferalis, Leder., Wien. Ent. Monat., vii, p. 375, (1863).
Conogethes punctiferalis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 314.
——————— Moore, Lep. Ceyl. iii, p. 333, (1886).

I. M., Sibsagar (Peal), Dunsiri, Sikkim (purchased), Cachar (Wood-Mason), North Khasi Hills.
Collection Swinhoe, Khasi Hills, Bombay, Rangoon.
Also recorded from Amboina.

4032. Conogethes semifascialis.

Astura semifascialis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1381, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.

Collection Swinhoe, Poona.
Also recorded from Australia.

Genus Astura.

4033. Astura festivalis.

Astura festivalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Collection Swinhoe, Bombay.

Genus **Botyodes.**

4034. Botyodes asialis.

Botyodes asialis, Guén., Delt. et Pyral., p. 321, No. 348, ♀, (1854).
——————— Leder., Wien. Ent. Monat. vii, p. 394, pl. 13, fig. 8, (1863).
——————— Walker, Cat. Lep. Het. B. M., xviii, p. 551, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
——————— Snellen, Tijd. voor Ent., xxvi, 1883, p. 139.
——————— Moore, Lep. Ceyl. iii, p. 335, pl. 183, figs. 1 ♂, 1*a* larva, (1886).
Botys sellalis, Walker (*nec* Guén.) *loc. cit.*, xviii, p. 648, (1859).

I. M., Ranchi (Irvine), Buxa (Moti Ram), Sikkim (Barnes, also purchased), Calcutta, Simla, Kulu (purchased), Ceylon (Swinhoe).
Collection Swinhoe, Kasaoli, Ceylon, Nilgiri Hills, Bombay, Poona, Khandalla, Belgaum, Sikkim, Rangoon.
Also recorded from Nepal.

4035. Botyodes costalis.

Botyodes costalis, Moore, Descr. Ind. Lep. Atk., p. 221, (1887).

Darjiling.
Allied to *B. scinisalis*.

4036. Botyodes flavibasalis.

Botyodes flavibasalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 96, ♀.
——————— Felder & R. Reise, Novara Lep., pl. 135, fig. 41, (1874).

I. M., Sibsaghar (Peal), Calcutta (Wood-Mason).
Collection Swinhoe, Sikkim.

4037. Botyodes fraterna.

Botyodes fraterna, Moore, Descr. Ind. Lep. Atk., p. 221, pl. 7, fig. 16, (1887).

Darjiling.
Allied to *B. costalis*.

4038. Botyodes inconspicua.

Botyodes inconspicua Moore, Descr. Ind. Lep. Atk., p. 220, (1887).

Darjiling.

4039. Botyodes leopardalis.

Botyodes leopardalis, Moore, Descr. Ind. Lep. Atk., p. 221, pl. 7, fig. 26, (1887).

Darjiling.

4040. Botyodes scinisalis.

Botys scinisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 648, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1877, p. 619, pl. 60, fig. 11.
Botys disjunctalis, Walker, Char. Undescr. Lep. Het., p. 96, (1869).

I. M., Sikkim.
Collection Swinhoe, Sikkim, Rangoon.
Also recorded from Andaman Islands.

Genus **Botys.**

4041. Botys æqualis.

Botys æqualis, Leder., Wien. Ent. Monat. vii, 468, pl. 10, fig. 3, (1863).
———— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).

India.

4042. Botys albidalis.

Botys albidalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1411, (1865).

India.

4043. Botys anaxisalis.

Botys (?) *anaxisalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 658 (1859).

Collection Swinhoe, Solun.

4044. Botys annulalis.

Botys annulalis, Walker, Cat. Lep. Het. B.M. xviii, p. 675, (1859).
Hapalia (?) *annulalis*, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4045. Botys ardealis.

Botys ardealis, Felder & R. Reise, Novara Lep., pl. 134, fig. 31, (1874).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 619.

I. M., Nicobar Islands.

4046. Botys aurea.

Botys aurea, Butler, Ill. Typ. Lep. Het. B. M. iii, p. 76, pl. 59, fig. 12, (1879).
———— Proc. Zool. Soc. Lond. 1883, p. 168.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Collection Swinhoe, Mhow, Solun, Bombay, Poona, Rangoon.
Also recorded from Yokohama.

4047. Botys aureolalis.

Botys aureolalis, Leder., Wien. Ent. Monat. vii, p. 473, (1863).
———— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1389, (1865).

Himalayas.

4048. Botys brevilinealis.

Botys brevilinealis, Walker, Cat. Lep. Het. B. M. xviii, p. 674, (1859).
Hapalia (?) brevilinealis, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4049. Botys caldusalis.

Botys caldusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 650, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 850.

I. M., Mergui (Anderson), Sibsagar, Sikkim (Barnes, also purchased), Kulu (purchased), Tenasserim.
Collection Swinhoe, Sikkim.

4050. Botys carnealis.

Botys carnealis, Dup., Hist. Nat. Lep. viii, p. 322, pl. 232, fig. 4.*
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 335.
Botys diffusalis, Guen., Delt. et Pyral, p. 340, (1854).
Botys tenuialis, Mann., Wien. Ent. Monat. vi, p. 387, pl. 3, fig. 5, (1862).

Campbellpur (Punjab), South Europe.

4051. Botys cynaralis.

Botys cynaralis, Walker, Cat. Lep. Het. B. M. xviii, p. 672, (1859).
Hapalia (?) cynaralis, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4052. Botys damoalis.

Botys damoalis, Walker, Cat. Lep. Het. B. M. xviii, p. 656, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.

Bengal.
Allied to *B. nubilalis*.

4053. Botys divisalis.

Botys divisalis, Leder., Wien. Ent. Monat. vii, p. 468, pl. 10, fig. 4, (1863).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).

India.

4054. Botys dryopealis.

Botys dryopealis, Walker, Cat. Lep. Het. B. M. xviii, p. 672, (1859).
Hapalia (?) dryopealis, Moore, Lep. Ceyl. iii, p. 342, (1886).

Ceylon.

4055. Botys epastalis.

Botys epastalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874, pl. 57, fig. 13.

Collection Swinhoe, Bombay, Alibagh.
Allied to *B. albi-fimbrialis* from Japan.

4056. Botys euryclealis.

Botys euryclealis, Walker, Cat. Lep. Het. B. M. xviii, p. 651, (1859).
India.

4057. Botys ilusalis.

Botys ilusalis, Walker, Cat. Lep. Het. B.M. xviii, p. 705, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 168.
Collection Swinhoe, Solun, Rangoon.
Also recorded from Borneo and Sarawak.

4058. Botys inanitalis.

Botys inanitalis, Leder., Wien. Ent. Monat. vii, 464, pl. 9, fig. 3, (1863).
———— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1389, (1865).
India, Amboina.

4059. Botys incoloralis.

Botys incoloralis, Guén., Delt. et Pyral, p. 332, No. 369, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 656, (1859).
———— Leder., Wien. Ent. Monat. vii, p. 371, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873; and 1886, p. 459.
Botys œdipodalis, (?) Swinhoe (*nec* Guén.), Proc. Zool. Soc. Lond. 1884, p. 525.
I. M., Karachi, Poona, and Bombay (Swinhoe).
Collection Swinhoe, Karachi, Poona, Mhow, Bombay.
Also recorded from Sylhet.

4060. Botys interruptalis.

Botys interruptalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1406, (1865).
Hapalia (?) *interruptalis*, Moore, Lep. Ceyl. iii, p. 339, (1886).
Ceylon.

4061. Botys itemalesalis.

Botys itemalesalis, Walker, Cat. Lep. Het. B.M. xix, p. 996, (1859).
Collection Swinhoe, Sikkim.
Also recorded from China.

4062. Botys jucundalis.

Botys jucundalis, Leder., Wien. Ent. Monat. vii, 463, pl. 8, fig. 17, (1863).
———— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).
India.

4063. Botys lentalis.

Botys lentalis, Felder & R. Reise, Novara Lep., pl. 135, fig. 44, (1874).
Bengal.

4064. Botys maccalis.

Botys maccalis, Leder., Wien. Ent. Monat. vii, 466, pl. 9, fig. 14, (1863).
———— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sylhet.

4065. Botys (?) megalopsalis.

Botys (?) megalopsalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1428, (1865).

Collection Swinhoe, Sikkim, Andaman Islands.
Also recorded from Malacca.

4066. Botys myrinalis.

Botys myrinalis, Walker, Cat. Lep. Het. B.M. xviii, p. 673, (1859).
Hapalia (?) myrinalis, Moore, Lep. Ceyl. iii, p. 340, (1886).

Ceylon.

4067. Botys nephealis.

Botys nephealis, Walker, Cat. Lep. Het. B. M. xviii, p. 673, (1859).
Hapalia (?) nephealis, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4068. Botys nubilalis.

Botys nubilalis, Hübn., Eur. Schm., fig. 94.*
———— Warren, Proc. Zool. Soc. Lond., 1888, p. 335.
Botys lupulinalis, Guen., Delt. et Pyral., p. 331, (1854).

Kala Pani (Punjab).

4069. Botys ochrealis.

Pyralis ochrealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.

Collection Swinhoe, Sikkim.
Also recorded from the Andaman Islands.

4070. Botys patulalis.

Botys patulalis, Walker, Cat. Lep. Het. B. M. xxxiv, 1405, (1865).
————, Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

4071. Botys pauciferalis.

Botys pauciferalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1413, (1865).

South India.

4072. Botys paupellalis.

Botys paupellalis, Leder., Wien. Ent. Monat. vii, p. 469, pl. 10, fig. 6, (1863).
————, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).

India.

4073. Botys pharisalis.

Botys pharisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 726, (1859).
———————, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 873.

Collection Swinhoe, Poona.
Also recorded from Australia.

4074. Botys plagalis.

Botys plagalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 96.
Sikkim.

4075. Botys strenualis.

Botys strenualis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1409, (1865).
Scopula strenualis, Forsayeth, Trans. Ent. Soc. Lond. 1881, p. 417.
South India, Mhow.

4076. Botys sublituralis.

Botys sublituralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1452, (1865).
———————— Swinhoe, Proc. Zool. Soc. Lond., (1885), p. 873.

Collection Swinhoe, Bombay, Karachi.

4077. Botys subtessellalis.

Botys subtessellalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1406, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sikkim.

4078. Botys thoasalis.

Botys thoasalis, Walker, Cat. Lep. Het. B. M. xviii, p. 692, (1859).
I. M., Andaman Islands (purchased).
Collection Swinhoe, Sikkim.

4079. Botys tullalis.

Botys tullalis, Walker, Cat. Lep. Het. B. M., xviii, p. 649, (1859).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

I. M., Sibsagar (Peal).
Collection Swinhoe, Darjiling, Maulmein, Rangoon.

4080. Botys unitalis.

Botys unitalis, Guén., Delt. et Pyral., p. 349, No. 411, (1854).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 655, (1859).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1878, p. 850.

I. M., Sikkim (Barnes).
Collection Swinhoe, Sikkim, Poona.
Also recorded from Sylhet and Tenasserim.

4081. Botys vitellinalis.

Botys vitellinalis, Kollar, Hüg. Kaschm., p. 492, (1848).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).
Botys extinctalis, Led., Wien. Ent. Monat. vii, 467, pl. 9, fig. 18, (1863).
Kashmir.

Genus **Hapalia.**

4082. Hapalia ablactalis.

Botys ablactalis, Walker, Cat. Lep. Het. B. M. xviii, p. 660, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.
Hapalia ablactalis, Moore, Lep. Ceyl. iii, p. 339, (1886).
Collection Swinhoe, Sikkim, Poona, Nilgiri Hills, Rangoon.
Also recorded from Ceylon.

4083. Hapalia admensalis.

Botys admensalis, Walker, Cat. Lep. Het. B. M. xviii, p. 652, (1859).
Hapalia admensalis, Moore, Lep. Ceyl. iii, p. 339, (1886).
Ceylon.

4084. Hapalia bambusalis.

Hapalia bambusalis, Moore, Descr. Ind. Lep. Atk. iii, p. 222, (1887).
Collection Swinhoe, Sikkim.
Allied to *H. zealis*.

4085. Hapalia concolor.

Hapalia concolor, Moore, Lep. Ceyl. iii, p. 339, pl. 181, fig. 3, (1886).
Ceylon.

4086. Hapalia deductalis.

Botys deductalis, Walker, Cat. Lep. Het. B. M. xviii, p. 659, (1859).
Hapalia deductalis, Moore, Lep. Ceyl. iii, p. 338, (1886).
Ceylon.

4087. Hapalia denticulosa.

Hapalia (?) denticulosa, Moore, Lep. Ceyl. iii, p. 337, pl. 183, fig. 8, (1886).
Ceylon.

4088. Hapalia dialis.

Botys dialis, Walker, Cat. Lep. Het. B. M. xviii, p. 675, (1859).
Hapalia (?) dialis, Moore, Lep. Ceyl. iii, p. 340, (1886).
Ceylon.

4089. Hapalia dorsivittata.

Hapalia dorsivittata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 18, (1887).
Darjiling.

4090. Hapalia fasciata.

Hapalia fasciata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 20, (1887).

Darjiling.

4091. Hapalia flavalis.

Phalæna flavalis, Schiff, Wien. Verz. 121, 7.*
———— Fabr., Mant. Ins. ii, p. 221, No. 303, (1787).
———— Ent. Syst. iii, 2, p. 233, No. 393, (1794).
———— Hübner, Pyral., pl. 11, fig. 69.*
Phalæna (Pyralis) flavalis, Gmel., Ed. Syst. Nat. i, 5, 2524. 941.*
Hapalia flavalis, Hübner, Verz. Bek. Schmett. p. 355, No. 3395, (1816).
Botys lutealis, Dup., Lep. viii, 331, pl. 233, fig. 1.*
Botys lutealis, Podv, Herrich Schäff. Eur. Schmett. iv, 28.*
Margaritia flavalis, Steph., Ill. Brit, Haust. iv, 52.*
Lithosia lutea, Schäff., Icon., pl. 240, figs. 7, 8.*
Botys flavalis, Treit., Schmett. vii, 99, 15.*
———— Dup. Lep. viii, 127, pl. 217, figs. 7, 8.*
———— Herr. Schäff., Eur. Schmett. iv. 28, 77.*
———— Guen., Delt. et Pyral. p. 334, No. 375, (1854).
———— Walker, Cat. Lep. Het. B. M.xviii, p. 555, (1859).
———— Moore, 2nd Yarkand Mission, Lep., p. 13, (1879).

I. M., Yarkand (2nd Mission).
Collection Swinhoe, Kulu.
Also recorded from Europe.

4092. Hapalia flavofasciata.

Hapalia flavofasciata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 19, (1887).

Darjiling.
Allied to *H. dorsivitta*.

4093. Hypalia fraterna.

Hapalia fraterna, Moore, Lep. Ceyl. iii, p. 338, pl. 183, fig. 9, (1886).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4094. Hapalia indistans.

Hapalia indistans, Moore, Descr. Ind. Lep. Atk., p. 223, (1887).

Collection Swinhoe, Sikkim.

4095. Hapalia iopasalis.

Botys iopasalis, Walker, Cat. Lep. Het. B. M. x viii, p. 652, ♂, (1859); xix, p. 993, (1859).
———— Butler, Ann. Mag. Nat. Hist, (5) v, p. 226, (1880).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.
Botys jopasalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 550.
Hapalia jopasalis, Moore, Lep. Ceyl. iii, p. 337, pl. 182, fig. 14, (1886).
Botys boteralis, Walker, *loc. cit.*, p. 716, (1859); and xix, p. 994, (1859).

I. M. Sibsagar (Peal).
Collection Swinhoe, Karachi, Rangoon, Bombay.
Also recorded from Ceylon and Borneo.

4096. Hapalia janapalis.

Botys janapalis, Walker. Cat. Lep. Het. B. M. xviii, p. 676, (1859).
Hapalia (?) janapalis, Moore, Lep. Ceyl. iii, p. 342, (1886).

Ceylon.

4097. Hapalia kasmirica.

Hapalia kasmirica, Moore, Descr. Ind. Lep. Atk., p. 222, pl, 7, fig. 28, (1887).

Kashmir.

4098. Hapalia marginalis.

Hapalia marginalis, Moore, Lep. Ceyl. iii, p. 338, pl. 182, fig. 13, (1886).

Collection Swinhoe, Khandalla.
Also recorded from Ceylon.

4099. Hapalia nigrescens.

Hapalia nigrescens, Moore, Descr. Ind. Lep. Atk. iii, p. 221, (1887).

Collection Swinhoe, Sikkim.

4100. Hapalia oblita.

Hapalia oblita, Moore, Descr. Ind. Lep. Atk., p. 222, (1887).

Darjiling.

4101. Hapalia plagiatalis.

Botys plagiatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 673, (1859).
———— Swinhoe, Proc. Zool. Soc., Lond. 1885, p. 873.
Hapalia (?) *plagiatalis*, Moore, Lep. Ceyl. iii, p. 337, (1886).

Collection Swinhoe, Poona, Burma, Nilgiri Hills, Rangoon.
Also recorded from Ceylon.

4102. Hapalia robusta.

Hapalia robusta, Moore, Descr. Ind. Lep. Atk., p. 222, pl. 7, fig. 27, (1887).

Darjiling.

4103. Hapalia signatalis.

Botys signatalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1444, (1865).
———— Butler, Proc. Zool. Soc. Lond., 1883, p. 168.

Collection Swinhoe, Solun.
Also recorded from Java.
Allied to *H. plagiatalis*.

4104. Hapalia thaisalis.

Botys thaisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 674, (1859).
Hapalia (?) thaisalis, Moore, Lep. Ceyl. iii, p. 340, (1886).

Ceylon.

4105. Hapalia ultimalis.

Botys ultimalis, Walker, Cat. Lep. Het. B. M. xviii, p. 659, (1859).
Hapalia ultimalis, Moore, Lep. Ceyl. iii, p. 339, (1886).

Ceylon.

4106. Hapalia zealis.

Botys zealis, Guén., Delt. et Pyral, p. 332, 367, (1854).
———— Walker, Cat. Lep. Het. B. M., xviii, p. 656, (1859).
———— Leder, Wien. Ent. Monat., vii, p. 372, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1876, p. 97.

Sylhet.

Genus **Omphisa.**

4107. Omphisa illisalis.

Botys illisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 653, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1877, p. 619.
———— Leder., Wien. Ent. Monat. vii, p. 371, pl. 9, fig. 12, (1863).
Omphisa illisalis, Moore, Lep. Ceyl. iii, p. 318, pl. 183, fig. 4, (1886).

I. M., Cherrapunji, Sikkim (purchased).
Collection Swinhoe, Darjiling, Rangoon, Nilgiri Hills.
Also recorded from Ceylon and the Andaman Islands.

Genus **Marasmia.**

4108. Marasmia ruralis.

Botys ruralis, Walker, Cat. Lep. Het. B. M. xviii, p. 666, (1859); and xix, p. 994, (1859).
Marasmia ruralis, Moore, Lep. Ceyl. iii, p. 283, (1885).
Marasmia cicatricosa, Leder., Wien. Ent. Monat. vii, p. 386, pl. 12, fig. 8, ♂, (1863).

I. M., Mergui (Anderson).
Also recorded from Ceylon, Java, and Borneo.

Genus **Pleonectusa.**

4109. Pleonectusa adhæsalis.

Botys adhæsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 664, ♀, (1859).
Botys damasalis, Walker, *loc. cit.*, p. 668, (1859).
Pleonectusa adhæsalis, Moore, Lep. Ceyl. iii, p. 287, pl. 180, fig. 14, (1885).

Ceylon, China.

4110. Pleonectusa admixtalis.

Botys admixtalis, Walker, Cat. Lep. Het. B.M. xviii, p. 665, (1859).
Pleonectusa admixtalis, Leder., Wien. Ent. Monat. vii, 481, (1863).
———— Walker, *loc. cit.*, xxxiv, p. 1480, (1865).
———— Moore, Lep. Ceyl. iii, p. 286, pl. 180, fig. 13, (1885).
Botys panæusalis, Walker, *loc. cit.* xix, p. 998, (1859).
Pleonectusa tabidalis, Leder., *loc. cit.*, vii, p. 426, (1863).

Ceylon.

Genus **Bacotoma.**

4111. BACOTOMA ABJUNGALIS.

Botys abjungalis, Walker, Cat. Lep. Het. B.M. xviii, p. 670, (1859).
Botys abjunctalis (sic), Leder., Wien. Ent. Monat. vii, p. 376, pl. 11, fig. 11, (1863).
Bacotoma abjungalis, Moore, Lep. Ceyl. iii, p. 382, pl. 180, fig. 8, (1886).

Collection Swinhoe, Ceylon.

Genus **Acharana.**

4112. ACHARANA OTREUSALIS.

Botys otreusalis, Walker, Cat. Lep. Het. B.M. xviii, p. 637, (1859).
Acharana otreusalis, Moore, Lep. Ceyl. iii, p. 285, pl. 180, fig. 11, (1885).
Botys triarialis, Walker, *loc. cit.*, xviii, p. 639, (1859).
Botys neloalis, Walker, *loc. cit*, xviii, p. 643, (1859).
Botys abstrusalis, Walker, *loc., cit.* xviii, p. 663, (1859).
———— Moore, Proc Zool. Soc. Lond. 1877, p. 620.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 168.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885, p. 873; & 1886, p. 460.
Botys pharaxalis, Walker, *loc. cit.*, xviii, p. 725, (1859).
Botys immundalis, Walker, *loc. cit.*, xxxiv, p. 1448, (1865).
Botys phæopteralis, Meyrick (*nec* Guén.), Trans. Ent. Soc. Lond. 1884, p. 321.

I. M., Chitral (Giles), Calcutta, Karachi (Swinhoe).
Mergui (Anderson), Ceylon (Colombo Museum).
Andaman Islands (de Roepstorff).
Collection Swinhoe, Ceylon, Mhow, Karachi, Poona, Bombay, Solun, Mirzapore, Sikkim, Mahableshwar, Nilgiri Hills, Andaman Islands, Calcutta, Rangoon.
Also recorded from Africa, Mauritius, Australia, and Java.

4113. ACHARANA PRÆTERITALIS.

Botys præteritalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1405, (1865).
Acharana præteritalis, Moore, Lep. Ceyl. iii, p. 285, (1885).

Ceylon.

4114. ACHARANA SIMILIS.

Acharana similis, Moore, Lep. Ceyl. iii, p. 286, pl. 180, fig. 12, (1885).

Collection Swinhoe, Rangoon.
Also recorded from Ceylon.

Genus **Analtes.**

4115. ANALTES DISJUNCTALIS.

Botys disjunctalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1408, (1865).
Analtes disjunctalis, Moore, Lep. Ceyl. iii, p. 319, (1886).

South India, Ceylon.

4116. Analtes idyalis.

Botys idyalis, Walker, Cat. Lep. Het. B. M. xix, p. 996, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.
Analtes idyalis, Moore, Lep. Ceyl. iii, p. 319, pl. 183, fig. 5, (1886).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus Cnaphalocrocis.

4117. Cnaphalocrocis bifurcalis.

Cnaphalocrocis bifurcalis, Snellen, Tijd. Ent. xxiii, p. 219, (1880).
Celebes, India.

4118. Cnaphalocrocis medinalis.

Salbia medinalis, Guén., Delt. et Pyral., p. 201, ♀, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p 361, (1859).
Cnaphalocrocis medinalis, Moore, Lep. Ceyl. iii, p. 281, (1885).
Botys rutilalis, Walker, *loc. cit.* xviii, p. 665, (1859); and xxxiv, p. 1480, (1865).
Botys iolealis, Walker, *loc. cit.*, xviii, p. 666, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
Cnaphalocrocis iolealis, Walker, *loc. cit.*, xxxiv, p. 1480, (1865).
Cnaphalocrocis jolinalis (sic), Leder., Wien. Ent. Monat. vii, p. 385, pl. 12, fig. 7, (1863).
———— Snellen, Tijd. Voor. Ent. xxvi, 1883, p. 135.
Botys acerrimalis, Walker, *loc. cit.*, xxxiv, p. 1449, (1865).
Collection Swinhoe, Bombay, Khandalla, Sikkim, Khasi Hills, Poona, Alibagh, Rangoon.
Also recorded from Ceylon, Borneo, and China.

Genus Dolichosticha.

4119. Dolichosticha venilialis.

Asopia venilialis, Walker, Cat. Lep. Het. B. M. xvii, p. 373, (1859).
Dolichosticha venilialis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 305.
———— Moore, Lep. Ceyl. iii, p. 282, (1885).
Botys marisalis, Walker, *loc. cit.*, xviii, p. 717, (1859).
Ceylon, Australia, Borneo.

Genus Ravanoa.

4120. Ravanoa bilineolalis.

Zebronia bilineolalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1350, (1865).
Ravanoa bilineolalis, Moore, Lep. Ceyl. iii, p. 284, pl. 180, fig. 9, (1885).
Ceylon.

4121. Ravanoa creonalis.

Botys creonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 579, (1859).
Botys convectalis, Walker, *loc. cit.*, xxxiv, p. 1411, (1865).
Ravanoa creonalis, Moore, Lep. Ceyl. iii, p. 284, pl. 180, fig. 10, (1885).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

RAVANOA CREONALIS—*continued.*

Botys neoclesalis, Walker, *loc. cit.*, xviii, p. 635, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.
Botys suspicalis, Walker, *loc. cit.*, xviii, p. 667, (1859).

I. M., Kulu (Young).
Collection Swinhoe, Sikkim, Mhow, Karachi, Nilgiri Hills.
Also recorded from Ceylon and South Africa.

Genus **Circobotys.**

4122. CIRCOBOTYS OCTOGUTTALIS.

Botys octoguttalis, Felder & R. Reise. Novara, Lep. iv, pl. 135, fig. 38, ♂, (1874).
Circobotys octoguttalis, Moore, Lep. Ceyl. iii, p. 343, pl. 182, fig. 11, (1886).

I. M., Sibsagar.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4123. CIRCOBOTYS LIMBATA.

Circobotys limbata, Moore, Descr. Ind. Lep. Atk., p. 220, pl. 7, fig. 24, (1887).

Darjiling.

Genus **Cadarena.**

4124. CADARENA SINUATA.

Phalæna sinuata, Fabr., Spec. Ins. ii, p. 267, No. 153, (1781).
———— Ent. Syst. iii, 2, p. 208, No. 295, (1794).
Cadarena sinuata, Moore, Lep. Ceyl. iii, p. 336, pl. 183, figs. 2, 2*a*, (1886).
Phalæna (*Geometra*) *marginata*, Cram., Pap. Exot. iv, pl. 400, fig. I, (1782).
Botys marginata, Swainson, Zool. Illustr., 1st ser. ii, pl. 77, fig. 1, (1821).
Botys marginalis, Guén., Delt. et Pyral., p. 343, 394, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 633, (1859).

Ceylon.
Also recorded from Africa.

Genus **Pitacanda.**

4125. PITACANDA SPILOSOMOIDES.

Pitacanda spilosomoides, Moore, Lep. Ceyl. iii, p. 334, pl. 183, fig. 10, (1886).

Collection Swinhoe, Khandalla.
Also recorded from Ceylon.

Genus **Dodanga.**

4126. DODANGA LOBIPENNIS.

Dodanga lobipennis, Moore, Lep. Ceyl. iii, p. 332, pl. 182, fig. 3, (1886).

Ceylon.

Genus **Condega.**

4127. CONDEGA OBSCURATA.

Condega obscurata, Moore, Lep. Ceyl. iii, p. 345, pl. 183, fig. 12, (1886).
Ceylon.

Genus **Nosophora.**

4128. NOSOPHORA QUADRISIGNATA.

Nosophora quadrisignata, Moore, Lep. Ceyl. iii, p. 320, pl. 183, fig. 6, (1886).
I. M., Andaman Islands (purchased).
Also recorded from Ceylon.

Genus **Ebulea.**

4129. EBULEA BAMBUCIVORA.

Ebulea bambucivora, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).
Calcutta.

4130. EBULEA CAMILLALIS.

Ebulea (?) camillalis, Walker, Cat. Lep. Het. B. M. xviii, p. 749, (1859).
———————— Moore, Lep. Ceyl. iii, p. 346, (1886).
Ceylon.

4131. EBULEA CATALAUNALIS.

Botys catalaunalis Duponchel, Lep. France. viii, p. 330, pl. 232, fig. 8,(1)*.
———————— Herrich-Schaff, Eur. Schmett. iv, p. 25, 64, figs. 56, 57.*
Ebulea catalaunalis, Guen., Delt. et Pyral. p. 361, No. 437, (1854).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 743, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885, p. 874; and 1886, p. 460.
Antigastra catalaunalis, Walker, *loc. cit.*, xxxiv, p. 1483, (1865).
———————— Felder, & R. Reise, Novara, Lep. iv, pl. 135, fig. 12, (1874).
Botys venosalis, Walker, *loc. cit.*, xxxiv, p. 1401, (1865).
Margaritia cilialis, (var). Steph., Cat. Brit. Lep. 239, (1850)*.

I. M., Poona and Karachi (Swinhoe).
Collection Swinhoe, Mhow, Poona, Khandalla, Bombay, Karachi.
Also recorded from Europe and Africa.

4132. EBULEA CELATALIS.

Botys celatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 657, (1859).
Ebulea celatalis, Moore, Lep. Ceyl. 345, (1886).
Ceylon.

4133. EBULEA DICHROMA.

Ebulea dichroma, Moore, Descr. Ind. Lep. Atk., p. 223, (1887).
Darjiling.

4134. Ebulea europsalis.

Ebulea europsalis, Walker, Cat. Lep. Het. B. M., xviii, p. 749, (1859).
North India.

4135. Ebulia fimbriata.

Ebulia fimbriata, Moore, Lep. Ceyl. iii, p. 346, (1886).
Ceylon.

4136. Ebulea obliquata.

Ebulea obliquata, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).
Calcutta.

Genus **Rehimena.**

4137. Rehimena inscisalis.

Botys inscisalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1410, (1865).
Botys incisalis (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
Rehimena incisalis (sic), Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 1, (1855).
I. M., Sikkim (Barnes, also purchased).
Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

4138. Rehimena phrynealis.

Botys phrynealis, Walker, Cat. Lep. Het. B. M. xviii, p. 630, (1859).
Rehimena phrynealis, Moore, Lep. Ceyl. iii, p. 290, pl, 181, fig. 5, (1885).
Rehimena dichromalis, Walker, *loc. cit.* xxxiv, p. 1492, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 872.
Collection Swinhoe, Khasi Hills, Bombay, Khandalla, Rangoon.
Also recorded from Ceylon.

4139. Rehimena (?) phycidalis.

Botys phycidalis, Walker, Cat. Lep. Het. B. M. xviii, p. 675, (1859).
Rehimena (?) phycidalis, Moore, Lep. Ceyl. iii, p. 291, (1885).
Ceylon.

4140. Rehimena subjunctalis.

Botys subjunctalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1404, (1865).
Rehimena subjunctalis, Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 6, (1885).
Ceylon.

Genus **Mecyna.**

4141. Mecyna deprivalis.

Mecyna deprivalis, Walker, Cat. Lep. Het. B. M. xix, p. 806, (1859).
——————— Moore, Lep. Ceyl. iii, 352, pl. 179, figs. 1, 1*a*, (1886).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4142. Mecyna rusticalis.

Pyralis rusticalis, Hübner, Pyral. 26, 3, pl. 18, fig. 121.*
Uresiphita rusticata, Hübner, Verz. bek. Schmett., p. 353, No. 3372, (1816).
Mecyna rusticalis, Guén., Delt. et Pyral., p. 411, No. 536, (1854).
———————— Walker, Cat. Lep. Het. B. M. xix. p. 805, (1859).
———————— Butler, Proc. Zool. Soc. Lond. 1886, p. 384.
Pyralis limbalis, Wien., Verz. 122, 20.*
———————— Ill. N. Ausg. Dess. ii, 21, 20.*
Botys limbalis, Treit. Schmett. vii, 111, 23.*
———————— Fisch, Rösel. Schm. 130.*
———————— Herr Schäffer, Eur. Schmett. iv, 32, 93.*

Europe, Punjab.

Genus **Dysallacta.**

4143. Dysallacta negatalis.

Phalangiodes (?) negatalis, Walker, Cat. Lep. Het. B. M. xvii, p. 468, (1859).
Dysallacta negatalis, Leder, Wien. Ent. Monat. vii, p. 393, pl. 13, fig. 6, (1863).
———————— Walker, *loc. cit.* xxxiv, p. 1479, (1865).
———————— Moore, Proc. Zool. Soc. Lond., 1867, p. 97.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
———————— Moore, Lep. Ceyl. iii, p. 353, (1886).
Botys monesusalis, Walker, *loc. cit.* xviii, p. 653, (1859).
Dysallacta monesusalis, Walker, *loc. cit.* xxxiv, p. 1479, (1865).
Botys phanasalis, Walker, *loc. cit.* xviii, p. 727, (1859).
Dysallacta phanasalis, Walker, *loc. cit.* xxxiv, p. 1479, (1865).

I. M., Kulu (Young), Cherrapunji.
Collection Swinhoe, Solun, Bombay, Mahableshwar, Poona.
Also recorded from Sikkim, Ceylon, Australia.

Genus **Spilodes.**

4144. Spilodes melonalis.

Botys melonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 702, (1859); and xxxiv, p. 1455, (1865).
Spilodes nitetisalis, Walker, *loc. cit.* xviii, p. 773, (1859); and xxxiv, p, 1455, (1865).

North India, Java, and South Africa.

4145. Spilodes rhodocryptalis.

Spilodes (?) rhodocryptalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1474, (1865).
———————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.

Poona, Australia.

4146. Spilodes sticticalis.

Phalæna (Pyralis) sticticalis, Linn., Syst. Nat. i, 2, p. 883, No. 340, (1767).
———————————— Faun. Suec., 1354.*
———————————— Gmel., ed. Syst. Nat. i, 5, 2524, 340.*
Phalæna sticticalis, Fabr., Ent. Syst. iii, 2, 235, 399, (1794).
Pyralis sticticalis, Gotze, Ent. Beitr. iii, 4, 62, 340.*
Uresiphita sticticalis, Hübn., Verz. Bek. Schm. p. 353, No. 3378, (1816).
Scoxula sticticalis, Treit., Schm. vii, 64, 9.*
———————— Dup., Lep. viii, 96, pl. 5, fig. 5.*

Spilodes sticticalis—*continued.*

Margaritia sticticalis, Steph., Ill. Brit. Haust. iv, 59, 29.*
Botys sticticalis, Herr. Schaff., Eur. Schm. iv, 34, 102.*
Spilodes sticticalis, Guén., Delt. et Pyral. p. 381, No. 480, (1854).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 767, (1859).
———————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.
Pyralis fuscatis, Hübn., Pyral. 29, 19, pl. 1, fig. 45.
Pyralis tetragonalis, Haw., Lep. Brit. 385.

Collection Swinhoe, Quetta.
Also recorded from Europe.

Genus **Paliga.**

4147. Paliga damastesalis.

Scopula damastesalis, Walker, Cat. Lep. Het. B. M. xix, p. 1013, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 874; and 1886, p. 460.
Paliga damastesalis, Moore, Lep. Ceyl. iii, p. 350, (1886).

I. M., Khandalla and Poona (Swinhoe).
Collection Swinhoe, Mhow, Poona, Bombay, Nilgiri Hills, Rangoon.
Also recorded from Ceylon.

Genus **Udea.**

4148. Udea eximialis.

Scopula eximialis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1471, (1865).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.
Udea eximialis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

4149. Udea ferrugalis.

Pyralis ferrugalis, Hübn., Pyral. 27, 13, pl. 9, fig. 54; and pl. 23, fig. 150.*
———————— Haw., Lep. Brit. 382.*
Botys ferrugalis, Treit., Schmett. vii, 94, 11.*
———————— Dup., Lep. viii, p. 138, pl. 218, fig. 7.*
Margaritia ferrugalis, Steph., Ill. Brit. Haust. iv, 53, 17, (1828).*
Scopula ferrugalis, Guén., Delt. et Pyral. p. 398, No. 515, (1854).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 782, (1859).
———————— Butler, Ann. Mag. N. H. (5), ix, p. 211, (1882).
———————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.

Europe, Madeira, Kandahar.

4150. Udea fotalis.

Scopula fotalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875, pl. 57, fig. 9.
Udea fotalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 384.

I. M., Karachi and Cambellpur (Swinhoe).
Collection Swinhoe, Poona, Karachi, Campbellpur.

4151. Udea hypatialis.

Scopula hypatialis, Walker, Cat. Lep. Het. B. M., xix, p. 1014, (1859).
Udea hypatialis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4152. Udea machæralis.

Scopula machæralis, Walker, Cat. Lep. Het. B. M., xix, p. 1013, (1859).
Udea machæralis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4153. Udea mandronalis.

Scopula mandronalis, Walker, Cat. Lep. Het. B. M., xix, p. 1014, (1859).
Udea mandronalis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4154. Udea martinalis.

Scopula (?) martinalis, Walker, Cat. Lep. Het. B. M. xviii, p. 791, (1859).

India.

4155. Udea nigrifascialis.

Scopula (?) nigrifascialis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1472, (1865).

Deccan.

4156. Udea palmalis.

Scopula palmalis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525, pl. 48, fig. 11.

Collection Swinhoe, Karachi, Hydrabad (Sind).

4157. Udea plangonalis.

Scopula (?) plangonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 790, (1859).

North India.

4158. Udea renalis.

Udea renalis, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).

Collection Swinhoe, Sikkim, Nilgiri Hills.
Allied to *Udea—ferrugalis* and *Udea hypatialis*.

4159. Udea(?) suffusalis.

Scopula (?) suffusalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1471, (1865).
Udea (?) suffusalis, Moore, Lep. Ceyl. iii, p. 350, (1886).

Ceylon.

4160. Udea vinctalis.

Scopula vinctalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1476, (1865).
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 384.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.
———— Warren, Proc. Zool. Soc. Lond. 1888, p, 335.

Collection Swinhoe, Subathu, Campbellpur, Mhow, Karachi, Aden.
Also recorded from Australia.

Genus **Lotanga.**

4161. Lotanga deciusalis.

Botys deciusalis, Walker, Cat. Lep. Het. B. M., xviii, p. 696, (1859), and p. 994.
Lotanga deciusalis, Moore, Lep. Ceyl. iii, p. 344, (1886).

Ceylon, Borneo.

4162. Lotanga milvinalis.

Deba milvinalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 875, pl. 57, fig. 2.
Lotanga milvinalis, Moore, Lep. Ceyl. iii, p. 344, pl. 183, fig. 11, (1886).

Collection Swinhoe, Bombay, Poona, Rangoon, Calcutta.
Also recorded from Ceylon.

Genus **Chobera.**

4163. Chobera pallida.

Chobera pallida, Moore, Descr. Ind. Lep. Atk., p. 220, (1887).

Calcutta.

Genus **Phycidicera.**

4164. Phycidicera surrectalis.

Deba surrectalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1495, ♂, (1865).
———— Moore, Lep. Ceyl. iii., p. 344, (1886).
Phycidicera salebrialis, Snellen, Tijd voor Ent., 1880, p. 228, and 1884, p. 37, pl. 3, fig. 6 ♂.

Ceylon, Celebes.

Genus **Pachynoa.**

4165. Pachynoa megapteralis.

Botys megapteralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1407, (1865).

Collection Swinhoe, Darjiling.

4166. Pachynoa opalinalis.

Botys opalinalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 620.

Andaman Islands.

4167. Pachynoa pectinicornalis.

Botys pectinicornalis, Guén., Delt. et Pyral., p. 326, No. 351, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 647, (1859).
Pachynoa pectinicornalis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Bombay, Poona.

4168. Pachynoa sabelialis.

Botys sabelialis, Guén., Delt. et Pyral., p. 326, No. 352, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 648, (1859).
Pachynoa sabelialis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).

India.

4169. Pachynoa sellalis.

Botys sellalis, Guén. (*nec* Walker), Delt. et Pyral. 330, 363, (1854).
Pachynoa sellalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1481, (1865).

Ceylon, Sylhet, Punjab, Nepal.

4170. Pachynoa thoosalis.

Botys thoosalis, Walker, Cat. Lep. Het. B. M. xviii, p. 737, (1859).
Pachynoa thoosalis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).
Botys thoosalis, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1877, p. 619, pl. 60, fig. 16.

Collection Swinhoe, Darjiling.
Also recorded from Ceram, Amboina, and Andaman Islands.

Genus **Pionea**.

4171. Pionea brevialis.

Pionea brevialis, Walker, Cat. Lep. Het. B. M. xviii, p. 759, (1859).
———— Moore, Lep. Ceyl. iii, p. 347, (1886).

Ceylon.

4172. Pionea forficalis.

Phalæna (*Pyralis*) *forficalis*, Linn., Syst. Nat. i, 2, p. 882, No. 334, (1767).
———— Faun. Suec. p. 351, No. 1352, (1761).
———— Gmel. ed. Syst. Nat. i, 5, 2521, 334.*
Phalæna forficalis, Fabr., Sp. Ins. ii, p. 272, No. 177, (1781).
———— Mant. Ins. ii, p. 217, No. 276, (1787).
———— Ent. Syst. iii, 2, p. 223, No. 353 (1794).
Crambus forficatus, Fabr., Ent. Syst. Suppl. 467, 20.
Pyralis forficalis, Wien., Verz. 122, 17.*
———— Fuessel, Schmt. Ins. 82, 813.*
———— Lang., Verz. ii, 211, 1433.*
———— Götze, Ent. Beyte. iii, 4, 57, 334.*
———— Müll., Faun. Frid. 54, 484.*
———— Zool., Dan. Prodr. 133, 1535.*
———— Brahm., Ins. Kul. ii, 1, 325, 210.*
———— Ill. N. Ausg. Dess. ii, 19, 17.*
———— Hübn., Pyral. 28, 17, pl. 9, fig. 58.*
———— Haw., Lep. Brit. 377.*

PIONEA FORFICALIS—*continued.*

Botys forficalis, Treit., Schm. vii, 122, 33.*
——————— Dup., Lep. viii, 147, pl. 219, fig. 6.*
——————— Herr. Schäff., Ent. Schm. iv, 36, 111.*
Mesographe forficalis, Hübn., Verz. bek. Schm. p. 354, No. 3388, (1816).
——————— Steph., Ill. Brit. Haust. iv, 45, 1, (1828).*
Pionea forficalis, Guén., Delt. et Pyral, p. 369, No. 455, (1854).
——————— Walker, Cat. Lep. Het. B. M. xviii, p. 753, (1859).

I. M., Kulu, (Young).
Collection Swinhoe, Sikkim.
Also recorded from Europe.

4173. PIONEA NOBILIS.

Pionea nobilis, Moore, Descr. Ind. Lep. Atk. p. 224, pl. 7, fig. 29, (1887).

Darjiling.

Genus **Nymphula.**

4174. NYMPHULA DEPUNCTALIS.

Hydrocampa depunctalis, Guén, Delt. et Pyral., p. 274, No. 265, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 461, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 869.
Nymphula depunctalis, Moore, Lep. Ceyl. iii, p. 305, (1886).
Zebronia (?) decussalis, Walker, *loc. cit.*, xvii, p. 481, (1859).

Collection Swinhoe, Bombay, Alibagh, Rangoon.
Also recorded from Ceylon.

4175. NYMPHULA INTERPUNCTALIS.

Pyralis interpunctalis, Hübn., Pyral ii, 11, pl. 19, fig. 128.*
Pyralis nudalis, Hübn., Pyral, pl. 14, fig. 90.*
Euclita nudalis, Hübn., Verz. bek. Schm., p. 347, No. 3319, (1816).
Euclita interpunctalis, Hübn., Verz. bek. Schm. p. 347, No. 3320, (1816).
Nymphula nudalis, Dup., Lep. viii, 340, pl. 233, fig. 4.*
Nymphula interpunctalis, Treit., Schm. vii, 128, 2.*
——————— Dup., Lep. viii, 162, pl. 221, fig. 2.*
——————— Guén., Delt. et Pyral., p. 403, No. 523, (1854).
——————— Walker, Cat. Lep. Het. B. M. xix, p. 801, (1859).
——————— Butler, Proc. Zool. Soc. Lond. 1883, p. 168.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.

I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Larkana (Sind).
Also recorded from Europe.

Genus **Godara.**

4176. GODARA COMALIS.

Pionea comalis, Guén , Delt. et Pyral., p. 368, No. 453, (1854).
Godara comalis, Walker, Cat. Lep. Het. B. M. xix, p. 809, (1859).
——————— Butler, Ann. Mag. Nat. Hist. 1880. (5), Vol. 5, p. 226.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525. and 1885, p. 875.
——————— Leder., Pyral Wien. Ent. Monat, vii, p. 383, pl. 12, fig. 6, (1863).
——————— Snellen Tijd. voor. Ent., 1883, p. 134.
——————— Moore, Lep. Ceyl. iii, p. 348, pl. 179, figs. 2, 2*a*, 2*b*, (1886).

GODARA COMALIS—*continued.*

Pionea incomalis, Guén., Delt. et Pyral., p. 369, No. 454, (1854).
Godara incomalis, Walker, *loc. cit.*, p. 810.
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 622; and 1883, p. 168
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.

I. M., Ceylon (Colombo Museum), Karachi (Swinhoe).
Collection Swinhoe, Karachi, Satara, Ceylon, Nilgiri Hills, Rangoon.

FAMILY MARGARONIDÆ.

Genus **Glyphodes.**

4177. GLYPHODES ACTORIONALIS.

Glyphodes actorionalis, Walker, Cat. Lep. Het. B. M. xvii, p. 498, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 92; and 1877, p. 618.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
——————— Moore, Lep. Ceyl. iii, p. 322, pl. 180, fig. 1, ♂, (1886).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands, Bombay.
Also recorded from Ceylon.

4178. GLYPHODES BICOLOR.

Botys bicolor, Swainson, Zool. Illustr., 1st ser. ii, pl. 77, fig. 2, (1821).
Glyphodes bicolor, Moore, Lep. Ceyl. iii, p. 321, (1886).
Eudioptis perspicillalis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handb. (1852), p. 53.*
Glyphodes perspicillalis, Meyrick, Trans. Ent. Soc. Lond. (1884), p. 299.
Glyphodes diurnalis, Guén., Delt. et Pyral., p. 294, 300, pl. 5, fig. 5, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 498, (1859).
——————— Leder., Pyral. Wien. Ent. Monat. vii, p. 402, (1863).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 92.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1855, p. 872.
Glyphodes parvalis, Walker, *loc. cit.*, xxxiv, p. 1355, (1865).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.

I. M., Sikkim (purchased), Mergui (Anderson).
Collection Swinhoe, Poona Travancore, Calcutta, Andamans, Rangoon.
Also recorded from Australia, Celebes, Java, Ceylon, and South Africa.

4179. GLYPHODES BIVITRALIS.

Glyphodes bivitralis, Guén., Delt. et Pyral., p. 293, No. 298, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 497, (1859).
——————— Moore, Proc. Zool. Soc. Lond., 1878, p. 849.
——————— Leder., Pyral. Wien. Ent. Monat. vii, p. 402, (1863).
——————— Moore, Lep. Ceyl. iii, p. 322, pl. 180, figs. 2, 2*a*, larva, (1886).

I. M., Sibsagar (Peal), Andaman Islands (purchased), Sikkim (Barakur).
Collection Swinhoe, Bombay, Ceylon, Alibagh, Darjeeling.
Also recorded from Tenasserim.

4180. Glyphodes calidalis.

Glyphodes calidalis, Guén., Delt. et Pyral, p. 294, No. 299, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 497, (1859).

Coromandel.

4181. Glyphodes chilka.

Glyphodes chilka, Moore, Descr. Ind. Lep. Atk., p. 216, pl. 7, fig. 9, (1887).

Darjiling.

4182. Glyphodes conclusalis.

Glyphodes conclusalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1354, (1865).
———— *actorionalis*, Leder. (*nec.* Walker), Wien. Ent. Mon. vii, p. 402, pl. 14, fig. 4, (1863).

Collection Swinhoe, Sikkim, Nilgiri Hills.

4183. Glyphodes fessalis.

Glyphodes fessalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 459, pl. 41, fig. 13.

I. M., Andaman Islands (de Roepstorff).
Collection Swinhoe, Mhow, Karachi.

4184. Glyphodes itysalis.

Glyphodes itysalis, Walker, Cat. Lep. Het. B. M., xvii, p. 501, ♂, (1859).
———— Moore, Lep. Ceyl. iii, p. 323, pl. 180, fig. 4, (1886).

I. M., Bombay and Khandalla (Swinhoe), Sibsagar, Andaman Islands (de Roepstorff), Nicobar Islands (de Niceville).
Collection Swinhoe, Bombay, Khandalla, Ceylon, Andaman Islands.
Also recorded from Borneo.

4185. Glyphodes lacustralis.

Glyphodes lacustralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93, pl. 7, fig. 11.

Bengal.

4186. Glyphodes luciferalis.

Botys luciferalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1412, (1865).
Glyphodes luciferalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.
————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
———— *lora*, Moore, M. ss., Walker, *loc. cit.* xxxv, p. 1978, (1866).

I. M., Sibsagar (Peal), Sikkim (Barnes), Andaman Islands (purchased), Calcutta.
Collection Swinhoe, Darjiling, Bombay.

4187. Glyphodes marginalis.

Glyphodes marginalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 618, pl. 60, fig. 15.

Andaman Islands.

4188. Glyphodes pyloalis.

Glyphodes pyloalis, Walker, Cat. Lep. Het. B. M. xix, p. 973, (1859).
———— Moore, Lep. Ceyl. iii, p. 321, pl. 180, fig. 3, (1886).

Collection Swinhoe, Ceylon.
Also recorded from China.

4189. Glyphodes stolalis.

Glyphodes stolalis, Guén. Delt. et Pyral, p. 293, No. 296, pl. 3, fig. 11, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 497, (1859).
———— Leder, Pyral., Wien. Ent. Monat. vii, p. 402, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 92; and 1878, p. 849.
———— Snellen, Tijd. Voor. Ent. p. 143, vol. xxvi, (1883).
———— Moore, Lep. Ceyl. Ent. iii, p. 321, (1886).

I. M., Sibsagar (Peal), Sikkim (purchased).
Also recorded from Ceylon and Celebes.

4190. Glyphodes zelimalis.

Glyphodes Zelimalis, Walker, Cat. Lep. Het. B. M. xvii, p. 502, (1859).
———— Moore, Lep. Ceyl. iii, p. 557, pl. 215, fig. 6, (1887).

Ceylon, Borneo.

Genus **Polythlipta.**

4191. Polythlipta cerealis.

Polythlipta cerealis, Leder., Wien. Ent. Monat. vii, 477, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1490, (1865).

India.

4192. Polythlipta distorta.

Polythlipta distorta, Moore, Descr. Ind. Lep. Atk., p. 215, pl. 7, fig. 25, (1887).

Darjiling.
Allied to *P. vagalis*.

4193. Polythlipta divaricata.

Polythlipta divaricata, Moore, Lep. Ceyl. iii, p. 311, pl. 179, fig. 16, ♀, 16*a* larva, (1886).

Collection Swinhoe, Ceylon.

4194. Polythlipta maceratalis.

Polythlipta maceratalis, Leder., Wien. Ent. Monat. vii, p. 477, pl. 12' fig. 14, ♂, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1490, (1865).
Polythlipta macralis (sic), Moore, Lep. Ceyl. iii, p. 310, (1886).

Ceylon.

4195. Polythlipta peragrata.

Polythlipta peragrata, Moore, Descr. Ind. Lep. Atk. p. 216, pl. 7, fig. 15, (1887).

Darjiling.
Allied to *P. vagalis*.

4196. Polythlipta vagalis.

Glyphodes vagalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1356, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

I. M., Kulu (Young).
Collection Swinhoe, Solun, Darjiling.

Genus **Phakellura.**

4197. Phakellura indica.

Eudioptes indica, Saunders, Trans. Ent. Soc. Lond., p. 1851, p. 163, pl. 12, figs. 5, 6, 7.
———— Moore, Lep. Ceyl. iii, p. 324, (1886).
Phakellura indica, Walker, Cat. Lep. Het. B. M. xviii, p. 514, (1859).
———— Snellen, Tijd Voor. Ent. xxvi, p. 141, (1883).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525, 1885, p. 870 and 1886.
———— *indicalis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 93.
———— *gazorialis*, Guén. Delt. et Pyral, p. 297, No. 304, (1854).
————Leder, Wien. Ent. Monat. vii, p. 400, (1863).
————Semper, Verh. Zool. Bot. Ges. 1867, p. 702.
Phacellura indica (sic), Meyrick, Trans. Ent. Soc. Lond. 1884, p. 297.

I. M., Karachi [Swinhoe], Ranchi [Irvine], Sikkim, Calcutta.
Collection Swinhoe, Umballa, Nilgiri Hills, Mhow, Karachi, Poona, Bombay, Ceylon, Andaman Islands, Rangoon.
Also recorded from Africa, China, Australia, Celebes, Java, Formosa.

4198. Phakellura superalis.

Phakellura superalis, Guén., Delt. et Pyral, p. 299 No. 310, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 515, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Sylhet.

4199. Phakellura translucidalis.

Phakellura translucidalis, Guén., Delt. et Pyral., p. 299, No. 309, (1854).
———— Walker, Cat. Lep Het. B. M. xviii, p. 515, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Sylhet.

Genus **Cydalima.**

4200. CYDALIMA CONCHYLALIS.

Margarodes conchylalis, Guén., Delt. et Pyral., p. 303, No. 317, pl. 8, fig. 9, (1854).
Margaronia conchylalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).
Cydalima conchylalis, Leder., Wien. Ent. Monat. vii, p. 397, (1863).
——————— Walker, *loc. cit.*, xxxiv, p. 1369, (1865).
——————— Moore, Proc Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
——————— Moore, Lep. Ceyl. iii, p. 326, (1886).

I. M., Khasi Hills, Sibsagar, Dansiri.
Collection Swinhoe, Bhuj, Poona, Bombay, Sikkim.
Also recorded from Ceylon.

4201. CYDALIMA LATICOSTALIS.

Margarodes laticostalis, Guén., Delt. et Pyral., p. 303, No. 315, ♀, (1854).
Margaronia laticostalis, Walker, Cat. Lep. Het. B. M. xviii, 528, (1859).
Cydalima laticostalis, Walker, *loc. cit.*, xxxiv, p. 1368, (1865).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 93, and 1877, p. 618.
——————————— Lep. Ceyl. iii, p. 326, pl. 182, fig. 4, (1886).
Margaronia leodiccalis, Walker, *loc. cit.*, xviii, p. 530, ♂, (1859).

I. M., Sibsagar (purchased), Sikkim (Barnes), Buxar, (Moti Ram), Dansiri (purchased), Andaman Islands (de Roepstorff), Sind (Karachi Museum).
Collection Swinhoe, Sikkim, Ceylon, Andaman Islands, Rangoon.

4202. CYDALIMA NITIDICOSTALIS.

Margarodes nitidicostalis, Guén., Delt. et Pyral., 303, No. 316, (1854).
Margaronia nitidicostalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).
Cydalima nitidicostalis, Walker, *loc. cit.*, xxxiv, p. 1369, (1865).

Sylhet.

4203. CYDALIMA SUBMARGINALIS.

Botys submarginalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1414, (1865).
Cydalima submarginalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

I. M., Sikkim, Sibsagar, Naga Hills, Karachi (Simla).
Collection Swinhoe, Karachi, Bombay, Nilgiri Hills.

Genus **Enchocnemidia.**

4204. ENCHOCNEMIDIA PHRYNEUSALIS.

Margaronia phryneusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 531, ♂, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
Enchocnemidia phryneusalis, Moore, Lep. Ceyl. iii, p. 328, pl. 182, fig. 12, ♂, (1886).
Margaronia morvusalis, Walker, *loc. cit.*, xviii, p. 533, ♀, (1859).
Margaronia atlitalis, Walker, *loc. cit.*, p. 533, ♀, (1859).

Collection Swinhoe, Sikkim, Bombay.
Also recorded from Borneo and Australia.

Genus **Margaronia.**

4205. MARGARONIA CELSALIS.

Botys celsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 654, (1859).
Margaronia celsalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
———— Moore, Lep. Ceyl. iii, p. 325, pl. 181, fig. 4, (1886).

I. M., Ranchi (Irvine), Ceylon (Colombo Museum).
Collection Swinhoe, Khasi Hills, Poona, Nilgiri Hills, Rangoon.
Also recorded from Borneo.

4206. MARGARONIA FRATERNA.

Margaronia fraterna, Moore, Descr. Ind. Lep. Atk., p. 217, (1887).

Cherrapunji.
Allied to *M. celsalis*.

4207. MARGARONIA GLAUCULALIS.

Margarodes glauculalis, Guén., Delt. et Pyral., p. 306, No. 325, (1854).
———— Leder, Pyral. Wien. Ent. Monat. vii, p. 398, (1863).
Margaronia glauculalis, Walker, Cat. Lep. Het. B. M. xviii, p. 532, (1859).
———— Moore, Lep. Ceyl. iii, p. 325, pl. 181, figs. 2, 2*a*, 1886.
Margaronia vertumnalis, Swinhoe (*nec* Guén.), Proc. Zool. Soc. Lond. 1885, p. 871.

I. M., Ceylon (Swinhoe).
Collection Swinhoe, Ceylon, Belgaum, Poona, Bombay.

4208. MARGARONIA TRANSVISALIS.

Margarodes transvisalis, Guén., Delt. et Pyral. 304, No. 320, (1854).
Margaronia transvisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 525, (1859), and xix, p. 976, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 94.
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

Collection Swinhoe, Solun, Nilgiri Hills.
Also recorded from Mauritius, Africa, and Australia.

Genus **Pachyarches.**

4209. PACHYARCHES AMPHITRITALIS.

Margarodes amphitritalis, Guén., Delt. et Pyral. 307, No. 327, (1854).
Margaroia amphitritalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).
Pachyarches amphitritalis, Leder., Wien. Ent. Monat. vii, p. 398, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 94.

Sylhet.

4210. PACHYARCHES HILARALIS.

Margaronia hilaralis, Walker, Cat. Lep. Het. B. M., xviii, p. 532, (1859).
Pachyarches hilaralis, Moore, Lep. Ceyl. iii, p. 328, (1886).

Collection Swinhoe, Sikkim, Rangoon.
Also recorded from Ceylon.

4211. Pachyarches marthesiusalis.

Margaronia marthesiusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 531, (1859).
Pachyarches marthesiusalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.

I. M., Sibsagar, Naga Hills, North Khasi Hills, Sikkim, Calcutta, Dansiri.

4212. Pachyarches pomonalis.

Margarodes pomonalis, Guén., Delt. et Pyral., p. 309, No. 334, (1854).
Margaronia pomonalis, Walker, Cat. Lep. Het. B. M., xviii, p. 530, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
Pachyarches pomonalis, Leder., Wien. Ent. Monat. vii, p. 398, (1863).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 94.
———— Lep. Ceyl. iii, p. 327, pl. 182, fig. 7, ♂, (1886).

Collection Swinhoe, Bombay, Poona, Khandalla.
Also recorded from China and Ceylon.

4213. Pachyarches psittacalis.

Parotis psittacalis, Hübn., Samml. Exot. Schmett. iii, p. 30, (1825)*.
Margarodes psittacalis, Guén., Delt. et Pyral., p. 308, No. 332, (1854).
Margaronia psittacalis, Walker, Cat. Lep. Het. B. M., xviii, p. 529, (1859).
Pachyarches psittacalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 398, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 94.
———— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 296.
———— Moore, Lep. Ceyl. iii, p. 327, (1886).
Margaronia maliferalis, Walker, *loc. cit.*, xxxiv, p. 1363, ♂, (1865).
———— Swinhoe, Proc. Zool. Soc., 1885, p. 871.
Pachyarches maliferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

I. M., Sikkim (Barnes), Andaman Islands (purchased), Sibsagar (Peal), Calcutta, Dansiri.
Collection Swinhoe, Bombay, Nilgiri Hills, Rangoon, Andaman Isles.
Also recorded from Australia and Celebes.

4214. Pachyarches tibialis.

Pachyarches tibialis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

Andaman Islands, Calcutta.
Allied to *P. maliferalis*.

4215. Pachyarches vertumnalis.

Margarodes vertumnalis, Guén., Delt. et Pyral., p. 309, No. 333, (1854).
Margaronia vertumnalis, Walker, Cat. Lep. Het. B. M., xviii, p. 530, (1859).
Pachyarches vertumnalis, Moore, Proc. Zool. Soc. Lond., 1878, p. 850.

Tenasserim and Central India.

Genus **Sisyrophora.**

4216. SISYROPHORA PFEIFFERÆ.

Sisyrophora pfeifferæ, Leder., Wien. Ent. Monat. vii, p. 399, pl. 13, fig. 13, (1863).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Darjiling, Andaman Isles.
Also recorded from Singapore.

Genus **Hoterodes.**

4217. HOTERODES CINEREALIS.

Hoterodes cinerealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 94.
Collection Swinhoe, Darjiling.

Genus **Pygospila.**

4218. PYGOSPILA TYRES.

Phalæna (pyralis) tyres, Cram., Pap. Exot. iii, pl. 263, fig. *C*, (1779).
Pygospila tyres, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524.
———————— Leder, Pyral. Wien. Ent. Monat. vii, p. 404, (1863).
———————— Moore, Lep. Ceyl. iii, p. 329, (1886).
———————— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.
Phlyctænia thyralis, Hübn., Verz. Bek. Schm. p. 359, No. 3442, (1816).
Pygospila tyresalis, Guén., Delt. et Pyral., p. 312, No. 340, (1854).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 537, (1859).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 95.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870; and 1886, p. 459.
Phalæna æstuata (part), Fabr., Syst. Ent., p. 638, No. 98, (1775).
———————— (*nec* Linn.), Ent. Syst. iii, 2, p. 207, No. 290, (1794).
Pygospila costiflexalis, Guén., Delt. et Pyral., p. 313, No. 341, (1854).
Lomotropa costiflexalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 405, pl. 14, fig. 8, ♂, (1863).
Pygospila costiferalis, Walker, Cat. Lep. Het. B. M. xviii, p. 538, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.

I. M., Sikkim (Barnes), Karachi and Bombay (Swinhoe), Ranchi (Irvine), Kulu (Young), Buxar (Moti Ram), Calcutta.
Collection Swinhoe, Karachi, Mhow, Poona, Khandalla, Bombay, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Neurina.**

4219. NEURINA PROCOPIA.

Phalæna (Pyralis) procopia, Cram., Pap. Exot. iv, 152, pl. 368, fig. *e*, (1782).
Euglyphis procopialis, Hübn., Verz. bek. Schmett. p. 341, No. 3275, (1816).
———————— Walker, Cat. Lep. Het. B. M. xviii, p. 538, (1859).
———————— Moore, Proc. Zool. Soc. Lond., 1867, p. 95, and 1878, p. 850.

NEURINA PROCOPIA—*continued.*

Neurina procopialis, Guén., Delt. et Pyral., p. 314, No. 342, (1854).
———*procopia*, Leder., Wien. Ent. Monat. vii, p. 395, (1863).
———— Moore, Lep. Ceyl. iii, p. 330, pl. 182, fig. 1, (1886).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Sylhet, Ceylon.
Also recorded from Java and Amboina.

Genus **Filodes.**

4220. FILODES FULVIDORSALIS.

Pinacia fulvidorsalis, Hübn., Geyer, Zutr. Sammel. Exot. Schmett. 15, 322, fig. 643, 644, (1832).*
Filodes fulvidorsalis, Guén., Delt. et Pyral., p. 317, No. 343 (1854).
———— Leder., Wien. Ent. Monat. vii, p. 391, pl. 12, fig. 17, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 95.
Euglyphis fulvidorsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 539, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Filodes fulvidorsalis, Moore, Lep. Ceyl. iii, p. 331, pl. 182, fig. 2♂,2*a* larva.

I. M., Calcutta, Ceylon (Swinhoe).
Collection Swinhoe, Darjiling, Belgaum, Khandalla, Ceylon, Rangoon.
Also recorded from Java, Manilla, and Réunion.

4221. FILODES MIRIFICALIS.

Auxomitia mirificalis, Leder., Wien. Ent. Monat. vii, p. 391, pl. 13, fig. 1, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1370, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 619.
Filodes mirificalis, Moore, Lep. Ceyl. iii, p. 331, (1886).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Ceylon.

4222. FILODES NIGROLINEALIS.

Filodes nigrolinealis, Moore, Proc. Zool. Soc. Lond., 1867, p. 95.

Bengal.

4223. FILODES OCTOMACULALIS.

Filodes octomaculalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 95.

Darjiling.

4224. FILODES PATRUELIS.

Filodes patruelis, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).

Calcutta, Cherrapungi.
Allied to *F. fulvidorsalis*.

Genus **Euclasta.**

4225. EUCLASTA DEFAMATALIS.

Ilurgia defamatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 544, (1859).
Euclasta defamatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872, and 1886, p. 459.

Collection Swinhoe, Mhow, Bombay, Alibagh, Nilgiri Hills, Rangoon.
Also recorded from Nepal and Ceylon.

4226. EUCLASTA FILIGERALIS.

Euclasta filigeralis, Leder., Wien. Ent. Monat., vii p. 481, pl. 15, fig. 14, (1863).
———————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1368, (1865).

India.

Genus **Noorda.**

4227. NOORDA BLITEALIS.

Noorda blitealis, Walker, Cat. Lep. Het. B. M. xix, p. 979, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
———————— Moore, Lep. Ceyl. iii, p. 354, pl. 178, fig. 11, (1886).
Scopula (?) subjectalis, Walker, *loc. cit.*, xxxiv, p. 1472, (1865).

I. M., Bombay (Swinhoe).
Collection Swinhoe, Karachi, Poona, Bombay, Alibagh.
Also recorded from Ceylon.

Genus **Cornifrons.**

4228. CORNIFRONS ULCERATALIS.

Cornifrons ulceratalis, Leder., Wien. Ent. Monat. vii, p. 384,—— (1863).
———————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1491, (1865).

India, Syria.

Genus **Maruca.**

4229. MARUCA TESTULALIS.

Crociphora testulalis (Hübn.), Geyer, Zütr. Samml. Exot. Schmett. iv, 12, 315, figs. 629-30, (1832).*
Stenia testulalis, Guén., Delt. et Pyral., pp. 247, 230, (1854).
———————— Walker, Cat. Lep. Het. B. M. xvii, p. 420, (1859).
Siriocauta testulalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 424, (1863).
———————— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 299.
———————— Snellen, Tijd. Voor. Ent., vol. xxvii, p. 39, (1884).
Maruca testulalis, Moore, Lep. Ceyl. iii, p. 298, (1885).
Hydrocampa aquatilis, Boisd., Guér. Men. Icon. Reg. Anim. Ins., pl. 90, fig. 9, (1844).*
Maruca aquatilis, Walker, Cat. Lep. Het. B. M. xviii, p. 540, (1859).
———————— Butler, Ann. Mag. Nat. Hist. (5), xviii, p. 198, (1866).

MARUCA TESTULALIS—*continued*.

Maruca aquatilis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93.
——————— Swinhoe Proc. Zool. Soc. Lond. 1885, p. 870.

I. M., Khandalla (Swinhoe), Kulu (Young), Sibsagar, Dansiri, Ceylon (Colombo Museum).

Collection Swinhoe, Khasi Hills, Darjiling, Umballa, Poona, Khandalla, Nilgiri Hills, and Andaman Islands, Rangoon.

Also recorded from S. America, S. Africa, Australia, Celebes and Borneo.

Genus **Pitama.**

4230. PITAMA LATIVITTA.

Pitama lativitta, Moore, Descr. Ind. Lep. Atk., p. 217, pl. 7, fig. 21, (1887).

Darjiling.

Genus **Rhagoba.**

4231. RHAGOBA BIMACULATA.

Rhagoba bimaculata, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).

Darjiling.

Genus **Charema.**

4232. CHAREMA ALBOCILIATA.

Charema albociliata, Moore, Descr. Ind. Lep. Atk., p. 219, (1887).

Calcutta.

4233. CHAREMA CALETORALIS.

Botys caletoralis, Walker, Cat. Lep. Het. B. M. xviii, p. 651, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sylhet.

4234. CHAREMA IMBECILIS.

Charema imbecilis, Moore, Descr. Ind. Lep. Atk., p. 219, pl. 7, fig. 23, (1887).

Darjiling.

Allied to *C. vinacealis*.

4235. CHAREMA NOCTESCENS.

Charema noctescens, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).

Darjiling.

4236. CHAREMA VINACEALIS.

Botys vinacealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 619, and 1878, p. 850.

Collection Swinhoe, Sibsagar.

Also recorded from Andaman Islands and Tenasserim.

Allied to *C. caletoralis*.

Family ASOPIDÆ.

Genus Chnaura.

4237. Chnaura octavialis.

Syngamia octavialis, Walker, Cat. Lep. Het. B. M. xvii, p. 334, ♂, (1859).
Chnaura octavialis, Leder., Pyral. Wien. Ent. Monat. vii, p. 435, pl. 17 fig. 4, (1863).
———— Walker, *loc. cit.*, xxxiv, p. 1323, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
———— Lep. Ceyl. iii, p. 271, (1885).

I. M., Sibsagar (Peal).

Also recorded from Ceylon and Sumatra.

Genus Sameodes.

4238. Sameodes pipleisalis.

Stenia pipleisalis, Walker, Cat. Lep. Het. B. M., xvii, p. 420, (1859).
Sameodes pipleidalis, Meyrick, Trans. Ent. Soc. 1884, p. 300.
Sameodes pipleisalis, Moore, Lep. Ceyl. iii, p. 307, pl. 181, fig. 14, (1886).
Lepyrodes (?) lepidalis, Walker, *loc. cit.*, xvii, p. 465, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.
Samea sidealis, Walker, *loc. cit.*, xix, p. 937, (1859).
Hymenia meridionalis, Walker, *loc. cit.*, xxxiv, p. 1314, (1865).
Sameodes trithyralis, Snellen, Tijd. Voor. Ent. 1880, p. 218, and 1883, p. 134, pl. 8, fig. 4.
Samea vespertinalis, Saalmuller, Ber. Senck. Gesell. 1880, p. 301.*

India, Ceylon, and Australia.

Genus Samea.

4239. Samea abstrusalis.

Ædiodes abstrusalis, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).

Calcutta.

Allied to *S. inscitalis*.

4240. Samea (?) bipunctalis.

Samea (?) bipunctalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 333.

Thundiani (Punjab).

4241. Samea commixta.

Samea commixta, Butler, Ann. Mag. Nat. Hist. Descr. 1879, p. 453.

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Solun.

Also recorded from Japan.

4242. Samea continentalis.

Samea continentalis, Guén., Delt. et Pyral, p. 197, No. 139, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 356, (1859).

India.

4243. SAMEA CUPRINALIS.

Samea cuprinalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 615.

Andaman Islands.

4244. SAMEA GEOGRAPHICALIS.

Samea geographicalis, Guén., Delt. et Pyral., p. 197, No. 138, (1851).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 356, (1859).

India.

4245. SAMEA GRACILIS.

Samea (?) gracilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

Thundiani (Punjab).

4246. SAMEA GRATIOSALIS.

Samea gratiosalis, Walker, Cat. Lep. Het. B. M., xvii, p. 357, ♂, (1859).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 90.
———— Lep. Ceyl. iii, p. 274, (1885).

Darjiling, Ceylon.

4247. SAMEA INSCITALIS.

Ædiodes inscitalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1297, (1865).
Samea inscitalis, Butler, Proc. Zool. Soc. Lond., 1883, p. 167.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868; and 1886, p. 458.

Collection Swinhoe, Mhow, Poona, Travancore, Alibagh, Nilgiri Hills and Andaman Islands, Rangoon.
Allied to *S. ecclesialis*, Guén.

4248. SAMEA PURPURASCENS.

Samea purpurascens, Moore, Proc. Zool. Soc. Lond. 1877, p. 61

I. M., Andaman Islands (purchased).

4249. SAMEA QUINQUIGERA.

Samea quinquigera, Moore, Descr. Ind. Lep. Atk., p. 207, pl. 7, fig. 14, (1887).

Darjiling.

4250. SAMEA RHODOPHILALIS.

Endotricha (?) rhodophilalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1311, (1865).
————, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Samea rhodophilalis, Moore, Lep. Ceyl. iii, p. 275, pl. 178, fig. 13, ♀, (1885).
Botys amœnalis, Walker, *loc. cit.*, xxxiv, p. 1445, (1865).
Samea dives, Butler, Proc. Zool. Soc. Lond. 1880, p. 682.

I. M., Dansiri, Sibsagar.
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

4251. Samea roridalis.

Asopia (?) roridalis, Walker, Cat. Lep. Het. B. M., xvii, p. 371, (1859).
Samea roridalis, Moore, Lep. Ceyl. iii, p. 275, (1885).

Ceylon.

4252. Samea yerburii.

Samea yerburii, Butler, Proc. Zool. Soc. Lond., 1886, p. 383, pl. 35, fig. 6.

Murree.
Allied to *S. magna* of Japan.

Genus **Tamraca.**

4253. Tamraca torridalis.

Asopia torridalis, Leder., Pyral. Wien. Ent. Monat. vii, pp. 342, 457, pl. 6, fig. 15, (1863).
———— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1304, (1865).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Tamraca torridalis, Moore, Lep. Ceyl. iii, p. 554, pl. 215, figs. 7, 8, ♂, ♀, (1887).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus **Mabra.**

4254. Mabra eryxalis.

Asopia eryxalis, Walker, Cat. Lep. Het. B. M., xvii, p. 371, (1859).
Mabra eryxalis, Moore, Lep. Ceyl. iii, p. 280, pl. 179, fig. 4, 1885.

Ceylon.

4255. Mabra flavofimbriata.

Mabra flavofimbriata, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Calcutta.

Genus **Asopia.**

4256. Asopia limbolalis.

Asopia limbolalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 615.

Andaman Islands.

4257. Asopia onychinalis.

Asopia onychinalis, Guén., Delt. et Pyral., p. 205, No. 158, (1854).
————Walker, Cat. Lep. Het. B. M. xvii, p. 369, (1859).

Coromandel.

Genus **Desmia.**

4258. Desmia crithealis.

Desmia crithealis, Walker, Cat. Lep. Het. B. M. xvii, p. 341, (1859).

Collection Swinhoe, Simla.
Also recorded from North China.

4259. Desmia (?) luctuosalis.

Hyalitis luctuosalis, Guén., Delt. et Pyral, p. 290, No. 291, (1854).
Desmiae (?) luctuosalis, Walker, Cat. Lep. Het. B. M. xvii, p. 345, (1859).

India.

Genus **Danaga.**

4260. Danaga concisalis.

Desmia concisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 345, (1859).
Danaga concisalis, Moore, Lep. Ceyl. iii, p. 272, pl. 179, fig. 3, ♂, (1885).

Ceylon.

Genus **Hymenia.**

4261. Hymenia perspectalis.

Pyralis perspectalis, Hübn., Exot. Schm. Pyral., fig. 101.*
Hymenia perspectalis, Hübn., Verz. Schm., p. 361, No. 2452, (1816).=
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 395, (1859).
Spoladea perspectalis, Guén., Délt. et Pyral., p. 226, No. 192, (1854).

Collection Swinhoe, India.
Also recorded from Jamaica, Rio Janeiro.
San Domingo, Venezuela.

4262. Hymenia recurvalis.

Phalæna recurvalis, Fabr., Ent. Syst. iii, 2, p. 237, No. 407, (1794).
Spoladia recurvalis, Guén., Delt. et Pyral., p. 225, 190, pl. 8, fig. 5, (1854).
Hymenia recurvalis, Walker, Cat. Lep. Het. B.M. xvii, p. 396, (1859).
——————— Moore, Lep. Ceyl. iii, p. 293, (1885).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 407.
Zinckenia recurvalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 437, (1863).
——————— Walker, *loc. cit.*, xxxiv, p. 1321, (1865).
——————— Snellen, Tijd. Voor. Ent. vii, p. 95, (1872).
——————— Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handb. p. 55, (1883).*
——————— Meyrick, Trans. Ent. Soc. Lond., 1884, p. 308.
Phalæna angustalis, Fabr., Mant., p. 222, No. 309, (1787).
Phalæna (Pyralis) fascialis, Cramer, Pap. Exot. iv, pl. 398, fig. O, (1782).
——————————, Stoll., Pap. Exot. v, pl. 36, fig. 13, (1790).
Hymenia diffascialis, Hübn., Verz. Bek. Schm., p. 361, No. 3453, (1816).
Hydrocampa albifascialis, Boisduval, Faun. Ent. Madag. Lep., p. 119, pl. 16, fig. 1, (1834).*
Phalæna nigrella, Linn., Syst. Nat., ed. 13, iii, App., p. 225.
Hymenia fascialis, Butler, Ann. Mag. Nat. Hist. (5), 5, 1880, p. 226.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1886, p. 867; and 1886, p. 457.
——————— Butler, Proc. Zool. Soc., 1886, p. 384.

I. M., Karachi (Swinhoe), Calcutta, Andaman Islands (purchased), Kulu (Young), Nicobar Islands (de Niceville), Mergui (Anderson).
Collection Swinhoe, Andaman Islands, Kasauli, Poona, Campbellpur, Mhow, Karachi, Satara, Bombay, Rangoon, Ceylon, Nilgiri Hills.
Also recorded from West Indies, S. America, Africa, Australia, New Zealand, China, and New Guinea.

Genus **Coptobasis.**

4263. COPTOBASIS ADDUCTALIS.

Botys adductalis, Walker, Cat. Lep. Het. B. M. xviii, p. 669, (1859).
Coptobasis adductalis, Moore, Lep. Ceyl. iii, p. 292, pl. 181, fig. 7, (1885).
Coptobasis luminalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 482, No. 118, pl. 16, fig. 10, (1863).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4264. COPTOBASIS ÆNEALIS.

Coptobasis ænealis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867; and 1886, p. 458.

Collection Swinhoe, Mhow, Poona, Bombay, Nilgiri Hills, Khandalla.
Allied to *C. opisalis*.

4265. COPTOBASIS ANDAMANALIS.

Coptobasis andamanalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 615, pl. 60, fig. 14.

Andaman Islands.
Allied to *C. æmealis*.

4266. COPTOBASIS COLOMBOENSIS.

Coptobasis colomboensis, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 13, (1887).

Ceylon.

4267. COPTOBASIS CROTONALIS.

Botys crotonalis, Walker, Cat. Lep. Het. B.M. xix, p. 997, (1859).
Coptobasis crotonalis, Moore, Lep. Ceyl. iii, p. 292, (1885).

Ceylon.
Allied to *C.* (*Botys*) *sulcialis* from Borneo.

4268. COPTOBASIS CUPREALIS.

Coptobasis cuprealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 616, pl. 60, fig. 13.

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.

4269. COPTOBASIS DEFICIENS.

Coptobasis deficiens, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 12, (1887).

Ceylon.

4270. COPTOBASIS FRATERNA.

Coptobasis fraterna, Moore, Lep. Ceyl. iii, p. 292, pl. 181, fig. 8, ♂, (1885).

Ceylon.

4271. Coptobasis lunalis.

Botys lunalis, Guén., Delt. et Pyral., p. 352, No. 417, (1854).
———— Walker, Cat. Lep., Het. B. M. xviii, pl. 662, (1859).
Coptobasis lunalis, Moore, Proc. Zool. Soc. Lond., p. 1877, p. 616.
———— Lep. Ceyl. iii, p. 291, (1885).
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 867.
Botys thyasalis, Walker, *loc. cit.* xviii, p. 734, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
Coptobasis thyadalis (sic), Leder., Wien. Ent. Monat. vii, p. 429, (1863).
Botys thiasalis, Walker, *loc. cit.* xix, p. 1007, (1859).

I. M., Andaman Islands (de Roepstorff and purchased).
Collection Swinhoe, Bombay, Poona, Karachi, Andaman Islands, Rangoon, Nilgiri Hills.
Also recorded from Ceylon.

4272. Coptobasis œmealis.

Botys œmealis, Walker, Cat. Lep. Het. B. M. xviii, p. 671, (1859).

Collection Swinhoe, Sikkim.

4273. Coptobasis opisalis.

Desmia opisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 346, (1859).
Coptobasis opisalis, Walker, *loc. cit.* xxxiv, p. 1319, (1865).
———— Swinhoe, Proc. Zool. Soc Lond. 1885, p. 867, and 1886, p. 458.

Collection Swinhoe, Mhow, Bhuj Coast, Poona, Bombay, Khandalla.

4274. Coptobasis quadrimaculalis.

Botys quadrimaculalis, Bremer & Grey, Beitr. Zur. Schm. Fauna des Nordlichen China's 22, 3. *
Desmia (??) quadrimaculalis, Walker, Cat. Lep. Het. B. M. xix, p. 934, (1859).

I. M., Kulu (Young).
Collection Swinhoe, Darjiling.
Also recorded from North China.

4275. Coptobasis textalis.

Coptobasis textalis Leder., Wien, Ent. Monat. vii, 482, pl. 16, fig. 9, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1319, (1865).

India.

4276. Coptobasis tropicalis.

Botystropicalis, Walker, Cat. Lep. Het. B M. xviii, p. 670, (1859).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
Coptobasis tropicalis, Moore, Lep. Ceyl. iii, p. 293, pl. 181, fig. 9, (1885).

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus Ætholix.

4277. Ætholix flavibasalis.

Ædiodes flavibasalis, Guén., Delt. et Pyral, p. 193, No. 131, (1854).
———————— Walker, Cat. Lep. Het. B. M. xvii, p. 347, (1859).
Ætholix flavibasalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 438, pl. 17, fig. 6, (1863).
———————— Walker, *loc. cit.*, xxxiv, p. 1321, (1865).
———————— Moore, Lep. Ceyl. iii, p. 287, (1885).

I. M., Andaman Islands (purchased).
Also recorded from Ceylon, Borneo.

Genus Bocchoris.

4278. Bocchoris inspersalis.

Botys inspersalis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handb. 1852, p. 33.*
Ædiodes inspersalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 434, (1863).
Bocchoris inspersalis, Moore, Lep. Ceyl. iii, p. 272, (1885).
Desmia afflictalis, Guén., Delt. et Pyral., p. 190, No. 125, pl. 5, fig. 4, (1854).
———————— Walker, Cat. Lep. Het. B. M. vii, p. 344, (1859).
Ædiodes bootanalis, Walker, *loc. cit.*, xxxiv, p. 1298, (1865).

Ceylon, Bhotan, and Africa.

Genus Agrotera.

4279. Agrotera effertalis.

Ædiodes effertalis, Walker, Cat. Lep. Het. B. M. xvii, p. 348, ♀, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Agrotera effertalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 439, (1863).
———————— Moore, Lep. Ceyl. iii, p. 288, (1885).

Collection Swinhoe, Bombay, Khandalla, Poona, Nilgiri Hills.
Also recorded from Ceylon.

4280. Agrotera ferruginata.

Agrotera ferruginata, Moore, Descr. Ind. Lep. Atk., p. 209, (1887).

Darjiling.

4281. Agrotera (?) ruminalis.

Agrotera (?) ruminalis, Walker, Cat. Lep. Het. B. M., xvii, p. 387, (1859).

North India.

Genus Agathodes.

4282. Agathodes ostentalis.

Perinephela ostentalis, Geyer, Zutr. Samml. Exot. Schm. x, 417, figs. 833, 834.*
Agathodes ostensalis, Guén., Delt. et Pyral. 208, 164, (1854).
Agathodes ostentalis, Walker, Cat. Lep. Het. B. M., xvii, p. 378, (1859).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
———————— Moore, Lep. Ceyl. iii, p. 555, pl. 215, fig. 10, (1887).

I. M., Sikkim (Barnes), Andaman Islands (purchased), Mandi.
Collection Swinhoe, Sikkim, Bombay, Lanaoli, Bassein (Burma).
Also recorded from Java and Ceylon.

Genus **Terastia.**

4283. TERASTIA DIVERSALIS.

Agathodes diversalis, Walker, Cat. Lep. Het. B. M., xxxiv, 1307, (1865).
Terastia diversalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 90.

Collection Swinhoe, Darjiling.

4284. TERASTIA PROCERALIS.

Terastia proceralis, Leder, Wien. Ent. Monat. vii, p. 480, No. 105, (1863).
———— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1308, (1865).

India.

4285. TERASTIA SUBJECTALIS.

Terastia subjectalis, Leder, Wien. Ent. Monat. vii, p. 480, No. 106, (1863).
———— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1308, (1865).

India, Philippine Isles.

Genus **Leucinodes.**

4286. LEUCINODES AURIALIS.

Leucinodes auxialis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 458, pl. 41, fig. 12.

Collection Swinhoe, Mhow.

4287. LEUCINODES DISCISIGNA.

Leucinodes discisigna, Moore, Proc. Zool. Soc. Lond., 1883, p. 29.

Darjiling.

4288. LEUCINODES MELANOPALIS.

Leucinodes melanopalis, Guén., Delt. et Pyral., p. 224, No. 189, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 394, (1859).

India.

4289. LEUCINODES OPALINA.

Leucinodes opalina, Moore, Lep. Ceyl. iii, p. 289, pl. 179, fig. 10, (1885).

I. M., Ceylon (Colombo Museum).

4290. LEUCINODES ORBONALIS.

Leucinodes orbonalis, Guén., Delt. et Pyral., p. 223, No. 187, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 393, (1859).
———— Leder., Pyral. Wien. Ent. Monat. vii, p. 440, (1863).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 90, and 1877, p. 615.
———— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 524 and 1885, p. 868.
———— Moore, Lep. Ceyl. iii, p. 289, pl. 179, fig. 9, (1885).

I. M., Sibsagar (Peal), Kulu (Young).
Collection Swinhoe, Bombay, Poona, Karachi, Larkana (Sind), Ceylon, Rangoon, Khasi Hills, Kulu, Sibsagar.
Also recorded from Java, Andaman Islands, South Africa.

4291. Leucinodes sigulalis.

Leucinodes sigulalis, Guén., Delt. et Pyral., p. 223, No. 188, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 394, (1859); and xix, p. 941, (1859).

India.

Genus **Physematia.**

4292. Physematia concordalis.

Physematia concordalis, Leder., Wien. Ent. Monat. vii, p. 447, pl. 17, fig. 14, (1863).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1331, (1865).
——————— Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Nicobar Islands.

Genus **Dichocroscis.**

4293. Dichocroscis frenatalis.

Dichocroscis frenatalis, Leder., Wien. Ent. Monat. vii, p. 448, pl. 17, fig. 15, (1863).
——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1331, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1877, p. 616.

Nicobar Islands.

Genus **Megaphysa.**

4294. Megaphysa egialealis.

Megaphysa egialealis, Walker, Cat. Lep. Het. B. M. xvii, p. 383, (1859).

I. M., Sikkim (purchased).

Genus **Daraba.**

4295. Daraba (?) vitellialis.

Daraba (?) vitellialis, Walker, Cat. Lep. Het. B. M. xvii, p. 386, (1859).

India.

Genus **Eudorea.**

4296. Eudorea granitalis.

Eudorea granitalis, Moore, Ann. Mag. Nat. Hist. (5), 1, 1878, p. 235.
——————— 2nd Yarkand Mission, Lep. 1879, p. 13, pl. 1, fig. 25.

Yarkand.

4297. Eudorea lativitta.

Eudorea lativitta, Moore, Proc. Zool. Soc. Lond., 1883, p. 29.

Darjiling.

4298. EUDOREA TRANSVERSALIS.

Eudorea transversalis, Moore, Ann. Nat. Hist (5), 1, 1878, p. 235.
——————————— 2nd Yarkand Mission, Lep., p. 14, (1879).

I. M., Yarkand (Moore's type).

Genus **Patania.**

4299. PATANIA CONCATENALIS.

Botys concatenalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1408, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Collection Swinhoe, Sikkim.

4300. PATANIA SEMIVIALIS.

Patania semivialis, Moore, Descr. Ind. Lep. Atk., p. 209, pl. 7, fig. 6, (1887).

Darjiling.
Allied to *P. concatenalis*.

FAMILY SPILOMELIDÆ.

Genus **Salbia.**

4301. SALBIA DIAGONALIS.

Salbia diagonalis, Guén., Delt. et Pyral., p. 201, No. 147, (1854).
——————————— Walker, Cat. Lep. Het. B. M. xvii, p. 361, (1859).

I. M., Kulu (Young).
Collection Swinhoe, Sikkim, Kulu.
Also recorded from Java.

4302. SALBIA STRAMINALIS.

Salbia straminalis, Guén., Delt. et Pyral., p. 200, No. 146, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 360, (1859).

Coromandel.

Genus **Synclera.**

4303. SYNCLERA BRAUREALIS.

Zebronia (?) braurealis, Walker, Cat. Lep. Het. B. M. xix, p. 971, (1859).
Synclera braurealis, Moore, Lep. Ceyl. iii, p. 316, (1886).

Collection Swinhoe, Karachi.
Also recorded from Ceylon and Borneo.

4304. SYNCLERA CÆSALIS.

Glyphodes cæsalis, Walker, Cat. Lep. Het. B. M. xvii, p. 499, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 92.
Synclera cæsalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.
——————————— Lep. Ceyl. iii, p. 316, pl. 183, fig. 7, ♀, (1886).

Andaman Islands, Darjiling, Ceylon.

4305. Sinclera gastralis.

Glyphodes gastralis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1356, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Darjeeling.

4306. Synclera multilinealis.

Botys multilinealis, Guén., Delt. et Pyral, p. 337, No. 380, pl. 8, fig. 11, (1854).
———— Walker, Cat. Lep. Het. B. M. xviii, p. 661, (1859).
———— Leder., Wien. Ent. Monat. vii, p. 375, pl. 11, fig. 3, (1863)
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 96, and 1877, p. 619.
Zebronia salomealis, Walker, *loc. cit.*, xvii, p. 476, (1859) and xxxiv, p. 1348, (1865).
———— Swinhoe, Proc. Zool. Soc. 1885, p. 870.
Botys annuligeralis, Walker, *loc. cit.*, xxxiv, p. 1424, (1865).
Notarcha multilinealis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 312.
Synclera multilinealis, Moore, Lep. Ceyl. iii, p. 315, (1886).

I. M., Sibsagar (Peal), Mergui (Anderson), Sikkim, Khasi Hills, Collection Swinhoe, Khasi Hills, Sikkim, Cawnpore, Poona, Bombay, Khandalla.
Also recorded from Ceylon and China.

4307. Synclera tibialis.

Synclera tibialis, Moore, Descr. Ind. Lep. Atk., p. 216, (1887).

Darjiling.
Allied to *S. gastralis*.

4308. Synclera traducalis.

Eudioptis traducalis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl. p. 54, (1852). *
Synclera traducalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1367, (1865).
———— Leder, Wien. Ent. Monat. vii, p. 444, (1863).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 93.
———— Lep. Ceyl. iii, p. 316, pl. 182, fig. 9, ♀, (1886).
Spilomela retinalis, Leder., Wien. Ent. Monat. i, p. 100, (1857).
Glyphodes univocalis, Walker, *loc. cit.*, xvii, p. 499, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 622.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; and 1885, p. 872.

I. M., Sikkim.
Collection Swinhoe, Karachi, Bombay, Sikkim.
Also recorded from Syria and Africa.

Genus **Aripana**.

4309. Aripana æriferalis.

Conchylodes æriferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

Andaman Islands.
Allied to *A. lactiferalis*.

4310. Aripana caberalis.

Spilomela caberalis, Guén., Delt. et Pyral., p. 284, (1854).
Zebronia cabiralis (sic), Walker, Cat. Lep. Het. B. M. xvii, p. 482, (1859).
Conchylodes caberalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 443, (1863).
———————— Snellen, Tijd. Voor. Ent. xxvii, p. 44, (1884).
Aripana caberalis, Moore, Lep. Ceyl. iii, p. 312, (1886).
Zebronia abdicalis, Walker, *loc. cit.*, xvii, p. 480, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.
Conchylodes abdicalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 443, pl. 17, fig. 12, (1863).

Collection Swinhoe, Bombay, Khandalla, Nilgiri Hills.
Also recorded from Ceylon, Celebes, Java, and China.

4311. Aripana lactiferalis.

Zebronia (?) lactiferalis, Walker, Cat. Lep. Het. B. M. xvii, p. 480, 1859.
Aripana lactiferalis, Moore, Lep. Ceyl. iii, p. 313, (1886).

I. M., Kulu (Young), Ceylon (Colombo Museum).
Collection Swinhoe, Solun, Kulu, Rangoon.

4312. Aripana meritalis.

Zebronia (?) meritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 479, (1859).
Conchylodes meritalis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 310.
Aripana meritalis, Moore, Lep. Ceyl. iii, p. 313, (1886).
Conchylodes baptalis, Snellen, Tijd. Voor. Ent. 1880, p. 238; and 1884, p. 44, pl. 4, fig. 7.

Ceylon and Celebes.

Genus **Pycnarmon.**

4313. Pycnarmon abraxalis.

Zebronia abraxalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1349, (1865).
Pycnarmon abraxalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91.

Darjiling.

4314. Pycnarmon bistrigalis.

Zebronia bistrigalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1348, (1865).
Pycnarmon bistrigalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Darjiling.

4315. Pycnarmon discerptalis.

Zebronia discerptalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1348, (1865).
Pycnarmon discerptalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Darjiling.

4316. Pycnarmon jaguaralis.

Spilomela jaguaralis, Guén., Delt. et Pyral. p. 283, No. 280, (1854).
Zebronia jaguaralis, Walker, Cat. Lep. Het. B. M. xvii, p. 486, (1859).
Pycnarmon jaguaralis, Walker, *loc. cit.* xxxiv, p. 1368, (1865).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.

I. M., Sikkim (Barnes), Sibsaghar (Peal).
Collection Swinhoe, Darjiling.
Also recorded from Malacca, Celebes, Mysore and New Guinea.

4317. Pycnarmon virgatalis.

Pycnarmon virgatalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92, pl. 7, fig. 9, *nec* fig. 10.

Bengal.

4318. Pycnarmon-zebralis.

Pycnarmon zebralis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91, pl. 7, fig. 12.

I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Haritala.**

4319. Haritala auroralis.

Haritala auroralis, Moore, Descr. Ind. Lep. Atk., p. 215, pl. 7, fig. 17, (1887).

Cherrapunji.

4320. Haritala cassusalis.

Zebronia cassusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 477, (1859).
Haritala cassusalis, Moore, Lep. Ceyl. iii, p. 311, (1886).
Notarcha cassusalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 311.
Zebronia aurolinealis, Walker, *loc. cit.* xvii, p. 478.
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 622.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 870; and 1886, p. 458.
Pycnarmon aurolinealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.
Botys faustalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 471, pl. 10, fig. 15, (1863).

I. M., Kulu (Young), Karachi (Swinhoe).
Collection Swinhoe, Khasi Hills, Campbellpur, Assirghar, Karachi, Bombay, Khandalla, Nilgiri Hills.
Also recorded from Amboina.

4321. Haritala discinotalis.

Pycnarmon discinotalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 617.

Andaman Islands.
Allied to *P. plutusalis*.

4322. Haritala graphicalis.

Zebronia graphicalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 459.

Collection Swinhoe, Mhow.
Allied to *H. obrinusalis*.

4323. Haritala (?) mineusalis.

Zebronia (?) mineusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 481, (1859).

India.

4324. HARITALA OBRINUSALIS.

Astura obrinusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 549, (1859).
Pycnarmon obrinusalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 617.

Nicobar Islands, Punjab.

4325. HARITALA PLUTUSALIS.

Zebronia plutusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 478, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1878, p. 849.
Pycnarmon plutusalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 92.

I. M., Sibsagar, Kulu (Young), Mergui (Anderson).
Collection Swinhoe, Darjiling, Rangoon, Nilgiri Hills.
Also recorded from Upper Tenasserim.

4326. HARITALA RECURRENS.

Haritala recurrens, Moore, Descr., Ind. Lep. Atk., p. 215, pl. 7, fig. 11, (1887).

Darjiling.

4327. HARITALA TIGRINA.

Haritala tigrina, Moore, Lep. Ceyl. iii, p. 312, pl. 182, fig. 5, (1886).

Collection Swinhoe, Rangoon.
Also recorded from Ceylon.
Allied to *H. plutusalis*.

Genus **Chabula**.

4328. CHABULA ACAMASALIS.

Zebronia (?) *acamasalis*, Walker, Cat. Lep. Het. B. M. xix, p. 970, (1859).
Chabula acamasalis, Moore, Lep. Ceyl. iii, p. 317, (1886).
Zebronia perspicualis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1347, (1865).
Lepyrodes perspicualis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91.
Salbia (?) *perspicualis*, Butler, Proc. Zool. Soc. Lond. 1863, p. 167.
——————— Swinhoe, Proc Zool. Soc. Lond., 1885, p. 870.
Botys (?) *flexissimalis*, Walker, *loc. cit.* xxxiv, p. 1426, (1865).
Heterocnephes strangulalis, Snellen, Tijd. Voor Ent. 1880, p. 224; and 1884, p. 35, pl. 3, fig. 1.

I. M., Sibsagar.
Collection Swinhoe, Mhow, Poona, Rangoon.
Also recorded from Celebes and Java.

Genus **Nausinöe**.

4329. NAUSINÖE NEPTIS.

Phalæna (*Noctua*) *neptis*, Cram., Pap. Exot. iii, pl. 264, fig. F, (1779).
Phalangodes neptis, Leder, Pyral. Wien. Ent. Monat. vii, p. 445, (1863).
Nausinöe neptis, Moore, Lep. Ceyl. iii, p. 310, (1886).
Phalangiodes neptis (sic), Meyrick, Trans. Ent. Soc. Lond. 1884, p. 295.
Nausinöe neptalis, Hübn., Verz. Bek. Schm., p. 363, No. 3466, (1816).
Phalangiodes neptisalis, Guén., Delt. et Pyral, p. 279, No. 272, (1854).

NAUSINOE NEPTIS—*continued.*

Phalangiodes neptalis, Walker, Cat. Lep. Het. B. M. xvii, p. 467, (1859).
———— Moore, Proc. Zool. Soc. Lond., 1877, p. 617.
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 870.
———— Snellen, Tijd. Voor. Ent. 1884, p. 46.

I. M., Mergui (Anderson), Andaman Islands (purchased), Sibsagar, Naga Hills.
Collection Swinhoe, Bombay, Poona, Rangoon.
Also recorded from Ceylon, Canada, Australia, Cayenne, Surinam, Brazil.

Genus **Pagyda.**

4330. PAGYDA SALVALIS.

Pagyda salvalis, Walker, Cat. Lep. Het. B. M. xvii, p. 487, (1859).
———— Moore, Lep. Ceyl. iii, p. 314, pl. 182, fig. 6, (1886).

Collection Swinhoe, Khandalla.
Also recorded from Ceylon.

Genus **Cangetta.**

4331. CANGETTA RECTILINEA.

Cangetta rectilinea, Moore, Lep. Ceyl. iii, p. 314, pl. 182, fig. 8, (1886).

Ceylon.

Genus **Massepha.**

4332. MASSEPHA ABSOLUTALIS.

Massepha absolutalis, Walker, Cat. Lep. Het. B. M. xvii, p. 489, (1859).
———— Moore, Lep. Ceyl. iii, p. 307, (1886).

Ceylon.

FAMILY ENNYCHIDÆ.

Genus **Pachyzancla.**

4333. PACHYZANCLA BASALIS.

Botys basalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1404, (1865).
Pachyzancla basalis, Moore, Lep. Ceyl. iii, p. 280, (1885).
Botys apertalis, Walk., *loc. cit.*, xxxiv, p. 1450, (1865).

Ceylon.

4334. PACHYZANCLA MUTUALIS.

Botys mutualis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handl., 1852, p. 40.*
———— Snellen, Tijd. Voor. Ent., 1883, p. 129.
Pachyzancla mutualis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 315.
———— Moore, Lep. Ceyl. iii, p. 279, pl. 178, fig. 15, ♀, (1885).
Botys stultalis, Walker, Cat. Lep. Het. B. M., xviii, p. 669, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 619.
Pyrausta stultalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867; and 1886, p. 457.

PACHYZANCLA MUTUALIS—*continued.*

Botys ægrotalis, Snellen (*nec* Zeller), Tijd. Voor. Ent. 1872, p. 90, pl. 7, fig. 8.
———— Midd., Sumat. iv, 1, p. 63, (1881).

I. M., Bombay (Swinhoe), Kulu (Young).
Collection Swinhoe, Karachi, Mhow, Bombay, Poona, Calcutta, Rangoon, Andaman Islands.
Also recorded from Celebes and Sumatra.

Genus **Pyrausta.**

4335. PYRAUSTA CUPREALIS.

Pyrausta cuprealis, Moore, Ann. Mag. Nat. Hist. (5) 1, 1878, p. 235.
———— 2nd Yarkand Mission, Lep., 1879, p. 13, pl. 1, fig. 26.

Cashmere.
I. M., Kulu (Young), Sikkim (Dreyer).

4336. PYRAUSTA OSTRINALIS.

Pyralis ostrinalis, Hübn., Pyral., pl. 17, fig. 113, (1797).*
———— Haw., Lep. Brit., 389.*
Pyralis punicealis, Haw., Lep. Brit., 389.*
Pyralis purpuralis, (?) Hübn., Pyral., fig. 35, (1797).*
Pyrausta punicealis, Steph., Ill. Brit. Haust. 35, iv.*
Pyrausta ostrinalis, Dup., Lep. 226, pl. 224, fig. 8.*
———— Steph., Ill. Brit. Haust. iv, 36, 5.*
———— Herr. Schff., Eur. Schm. iv, 22, 50, pl. 15, fig. 107, 108.*
———— Guén., Delt. et Pyral, p. 167, No. 81, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, 310, (1859).
———— Butler, Ann. Nat. Hist. (5) 9, p. 210, (1882).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353.

Kandahar, Europe.

4337. PYRAUSTA SILHETALIS.

Pyrausta silhetalis, Guén., Delt. et Pyral., p. 166, No. 78, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 311, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 333.
Botys silhetalis, Leder., Wien. Ent. Monat. vii, p. 364, (1863).
Botys pangialis, Felder & R. Reise, Nov., pl. 134, fig. 25, (1864-75).

Sylhet, Campbellpur (Punjab), Pangi.

Genus **Pelecyntis.**

4338. PELECYNTIS ABSISTALIS.

Pyrausta absistalis, Walker, Cat. Lep. Het. B. M. xvii, p. 311, (1859).
Pelecyntis absistalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 316.
———— Moore, Lep. Ceyl. iii, p. 270, (1885).
Asopia lydialis, Walker, *loc. cit.*, xvii, p. 374, (1859).
Botys ustalis, Leder., Pyral. Wien. Ent. Monat. vii, pp. 375, 471, pl. x, fig. 14, (1863).
Hedylepta ustalis, Snellen, Tijd. Voor. Ent., 1884, p. 37.
Hedylepta pyraustalis, Snellen, Midd. Sumatra Lep., p. 71, (1880).

Collection Swinhoe, Ceylon, Rangoon, Andaman Islands.
Also recorded from India, Java, Sumatra, and Celebes.

4339. Pelecyntis amyntusalis.

Botys amyntusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 662, (1859).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
Zebronia amyntusalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.
Pelecyntis amyntusalis, Moore, Lep. Ceyl. iii, p. 270, pl. 178, fig. 12, ♂, (1885).
Asopia critheisalis, Walker, *loc. cit.*, xix, p. 939, (1859).
Botys semizebralis, Walker, *loc. cit.*, xxxiv, p. 1407, (1865).

Collection Swinhoe, Bombay, Khandalla, Rangoon, Andaman Islands.
Also recorded from Darjiling and Ceylon.

4340. Pelecyntis distorta.

Pelecyntis distorta, Moore, Lep. Ceyl. iii, p. 270, pl. 180, fig. 7, (1885).

I. M., Sikkim (purchased).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Hedylepta.**

4341. Hedylepta abruptalis.

Asopia (?) abruptalis, Walker, Cat. Lep. Het. B. M. xvii, p. 371, (1859).
Botys abruptalis, Felder & R. Reise, Novara, pl. 135, fig. 10, (1874).
——————— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 323.
Hedylepta abruptalis, Moore, Lep. Ceyl. iii, p. 277, pl. 178, fig. 14, ♀, (1885).
Pyrausta abruptalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867.
Asopia dotatalis, Walker, *loc. cit.*, xxxiv, p. 1305, (1865).

I. M., Calcutta, Kulu (Young).
Collection Swinhoe, Bombay, Poona, Karachi, Khandalla, Solun, Nilgiri Hills, Andaman Islands, Rangoon.
Also recorded from Ceylon.

4342. Hedylepta contubernalis.

Hedylepta contubernalis, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Parisnath, Bengal.
Allied to *H. abruptalis*.

4343. Hedylepta falsidicalis.

Asopia falsidicalis, Walker, Cat. Lep. Het. B. M. xvii, p. 370, (1859).
Hedylepta falsidicalis, Moore, Lep. Ceyl. iii, p. 277, (1885).
Botys jucundalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 370, pl. 8, fig. 17, (1863).

Collection Swinhoe, Ceylon.

4344. Hedylepta gemella.

Hedylepta gemella, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Calcutta.

4345. Hedylepta illectalis.

Botys illectalis, Walker, Cat. Lep. Het. B. M. xviii, p. 658, (1859).
Hedylepta illectalis, Moore, Lep. Ceyl. iii, p. 277, (1885).
Ebulea opheltesalis, Walker, *loc. cit.*, xix, p. 1010, (1859).

India, Ceylon.

4346. Hedylepta latimarginalis.

Asopia latimarginalis, Walker, Cat. Lep. Het. B. M. xvii, p. 370, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Hedylepta latimarginalis, Moore, Lep. Ceyl. iii, p. 277, pl. 178, fig. 16, (1885).

Collection Swinhoe, Khasi Hills, Bombay, Khandalla, Ceylon, Nilgiri Hills, Calcutta.

4347. Hedylepta (?) niobesalis.

Asopia (?) niobesalis, Walker, Cat. Lep. Het. B. M. xix, p. 939, (1859).
Hedylepta (?) niobesalis, Moore, Lep. Ceyl. iii, p. 278, (1885).

Ceylon.

4348. Hedylepta straminea.

Hedylepta straminea, Moore, Lep. Ceyl. iii, p. 278, pl. 180, fig. 5, (1885).

I. M., Calcutta, Ranchi (Irvine).
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

4349. Hedylepta vulgalis.

Asopia vulgalis, Guén , Delt. et Pyral., p. 202, No. 150, pl. 6, fig. 8, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 364, (1859).
Hedylepta vulgalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 409, (1863).
——————— Walker, *loc. cit.*, xxxiv, p. 1322, (1865).
——————— Moore, Lep. Ceyl. iii, p. 276, (1885).
Botys mæliusalis, Walker, *loc. cit.*, xviii, p. 703, (1859).
Botys reductalis, Walker, *loc. cit.*, xxxiv, p. 1412, (1865).

Collection Swinhoe, Rangoon, Sikkim.
Also recorded from South America, West Indies, Africa, and Ceylon.

Genus Syllythra.

4350. Syllythra bicolor.

Syllythra bicolor, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).

Assam, Calcutta.

4351. Syllythria imbutalis.

Rhodaria imbutalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1283, (1865).
Syllythria imbutalis, Moore, Lep. Ceyl. iii, p. 268, pl. 178, fig. 9, (1885).

I. M., Ceylon (Colombo Museum).

Genus **Rhodaria.**

4352. RHODARIA ARIDA.

Rhodaria arida, Butler, Proc. Zool. Soc. Lond., 1881, p. 621.
Collection Swinhoe, Karachi.

4353. RHODARIA CONCATENALIS.

Rhodaria concatenalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1284, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Darjiling.

4354. RHODARIA JUNCTURALIS.

Rhodaria juncturalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1283, (1865).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 457.
Collection Swinhoe, Mhow, Karachi.

Genus **Cotachena.**

4355. COTACHENA HISTRICALIS.

Botys histricalis, Walker, Cat. Lep. Het. B. M. xviii, p. 655, (1859).
Cotachena histricalis, Moore, Lep. Ceyl. iii, p. 276, (1885).
Ceylon, China.

Genus **Nacoleia.**

4356. NACOLEIA CONTINGENS.

Nacoleia contingens, Moore, Lep. Ceyl. iii, p. 273, pl. 179, fig. 8, ♂, (1885).
Ceylon.

4357. NACOLEIA COSTISIGNALIS.

Nacoleia costisignalis, Moore, Lep. Ceyl. iii, p. 273, (1885).
Ceylon.

4358. NACOLEIA PRÆTERITALIS.

Asopia (?) præteritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 372, (1859).
Nacoleia præteritalis, Moore, Lep. Ceyl. iii, p. 273, (1885).
Ceylon.

4359. NACOLEIA TIASALIS.

Botys tiasalis, Walker, Cat. Lep. Het. B. M. xix, p. 994, (1859).
Nacoleia tiasalis, Moore, Lep. Ceyl. iii, p. 274, (1885).
Ceylon.

Genus **Gadessa.**

4360. GADESSA ALBIFRONS.

Gadessa albifrons, Moore, Lep. Ceyl. iii, p. 279, pl. 180, fig. 6, (1885).
Ceylon.

Genus **Porphyritis.**

4361. PORPHYRITIS SIKKIMA.

Porphyritis sikkima, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).
Darjiling.

FAMILY HERCYNIDÆ.

Genus **Aporodes.**

4362. APORODES MELEAGRISALIS.

Herbula meleagrisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 324, (1859).
———— Butler, Ann. Nat. Hist. (5) 9, p. 211, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 458.
Aporrodes meleagrisalis, Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
———— Proc. Zool. Soc. Lond. 1886, p. 383.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524,
———— Trans. Ent. Soc. Lond. 1885, p. 354.
Collection Swinhoe, Kandahar, Quetta, Karachi, Hydrabad (Sind).
Also recorded from the Punjab.

Genus **Herbula.**

4363. HERBULA CESPITALIS.

Pyralis cespitalis, Denis, Wien. Verz. 123, 32, (1775).*
———— Brahm., Ins. 280.*
———— Schr., Faun. Boic. 1725.*
———— Hübn., Pyral. pl. 6, fig. 39.*
———— Haw., Lep. Brit. 390.*
Phalæna cespitalis, Fabr., Mant. Ins. ii, p. 222, No. 314, (1787).
———— Ent. Syst. iii, 2, p. 238, No. 410, (1794).
Botys cespitalis, Herr Schaff., Eur. Schm. iv, 23, 53.*
Herbula cespitalis, Guén., Delt. et Pyral., p. 176, No. 98, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 321, (1859).
———— Butler, Ann. Nat. Hist. (5) ix, p. 210, (1882).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.
Phalæna (Pyralis) cespitalis, Gmel., ed. Syst. Nat. i, 5, 2525, 951.*
Tortrix zonana, Schäff., Icon., pl. 262, fig. 4, 5, (1779).*
Tinea vestianella, Clerck, Icon., pl. 11, fig. 11.
Pyralis sordidalis, Hübn., Pyral., pl. 7, fig. 40.*
———— Haw., Lep. Brit. 391.*
Pyrausta sordidalis, Steph., Ill. Brit. Haust. iv, 34, 2.*
Pyrausta cespitalis, Treit., Schm. vii, 173.*
———— Dup., Lep. 232, pl. 225, fig. 3.*
———— Steph., Ill. Brit. Haust. iv, 34, 1.*
Var. *Pyrausta intermedialis*, Dup., Lep. 350, pl. 234, figs. 1, 2.*
Collection Swinhoe, Kandahar.
Also recorded from Europe and the Punjab.

Genus **Æschremon.**

4364. ÆSCHREMON DISPARALIS.

Æschremon disparalis, Herr. Schaff., Schm. Eur. vi, p. 140, figs. 134 & 135.*
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1290, (1865).
———— Butler, Ann. Nat. Hist. (5), 9, p. 211, 1882.
———— Swinhoe, Trans. Ent. Soc. Lond., 1885, p. 353

Kandahar, Europe.

FAMILY STENIIDÆ.

Genus **Nistra.**

4365. NISTRA CÆLATALIS.

Nistra cælatalis, Walker, Cat. xvii, p. 488, (1859).
———— Moore, Lep. Ceyl. iii, p. 295, pl. 182, fig. 10, (1885).

Ceylon.

4366. NISTRA (?) MOLUSALIS.

Botys molusalis, Walker, Cat. Lep. Het. B. M. xix, p. 993, (1859).
———— Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 417, (larva).
———— Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 460.
Nistra (?) molusali, Moore, Lep. Ceyl. iii, p. 296, (1885).

Collection Swinhoe, Mhow.
Also recorded from Ceylon.

Genus **Spanista.**

4367. SPANISTA ORNATALIS.

Asopia ornatalis, Dup., Lep. Fr. viii, p. 207, pl. 223, fig. 8, (1831).*
Nymphula ornatalis, Herr Schäff., Eur. Schm. iv, 10, 6, pl. 8, figs. 52 and 53.*
Stenia ornatalis, Guén., Delt. et Pyral., p. 247, (1854).*
Spanista ornatalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 446, (1863).
———— Snellen, Tijd. Voor Ent. 1872, p. 96.
———— Moore, Lep. Ceyl. iii, p. 297, pl. 181, fig. 10, ♂, (1885).
Botys saturalis, Treit., Eur. Schm. Suppl. 2, p. 29.*
Cataclysta (?) elutalis, Walker, Cat. Lep. Het. B. M. xvii, p. 448, (1859).
Pyralis elutalis, Walker, *loc. cit.*, xix, p. 912, (1859).
Stenia elutalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 875.
Pyralis (?) deciusalis, Walker, *loc. cit.*, xix, p. 905, (1859).

Collection Swinhoe, Karachi, Poona, Bombay, Alibagh, Ceylon, Nilgiri Hills.
Also recorded from Celebes.

Genus **Diasemia.**

4368. DIASEMIA IMPULSALIS.

Isopteryx (?) impulsalis, Walker, Cat. Lep. Het. B. M. xvii, p. 404, (1859).
Diasemia impulsalis, Moore, Lep. Ceyl. iii, p. 297, (1885).

Ceylon.

4369. DIASEMIA RAMBURIALIS.

Hydrocampa ramburialis, Dup., Lep. Fr. viii, pt. 2, p. 343, pl. 233, fig. 6, (1831).*
———— Cat. Meth. Lep. Eur., p. 202, (1844).*
Botys ramburialis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl., (1852), p. 30.*
———— Her Schaff., Eur. Schm. iv, p. 26, 28.
Diasemia ramburialis, Guén., Delt. et Pyral., p. 234, (1854).
———— Snellen, Tijd. Voor Ent., 1884, p. 38.
———— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 302.
———— Moore, Lep. Ceyl. iii, p. 296, pl. 179, fig. 5, (1885).
Isopteryx melaleucalis, Walker, Cat. Lep. Het. B. M. xvii, p. 402, (1859).
Diasemia reconditalis, Walker, *loc. cit.*, xxxiv, p. 1325, (1865).
Diasemia leucophœalis, Walker, *loc. cit.*, xxxiv, p. 1326, (1865).

Ceylon and Australia.

Genus **Lepyrodes.**

4370. LEPYRODES GEOMETRALIS.

Lepyrodes geometralis, Guén., Delt. et Pyral., p. 278, No. 271, pl. 8, fig. 6, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 465, (1859).
———— Snellen, Tijd. Voor Ent., 1884, p. 45.
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.
————, Lep. Ceyl. iii, p. 308, (1886).
Diasemia (?) geometralis, Butler, Proc. Zool. Soc. Lond., 1881, p. 622.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 875; and 1886, p. 460.

Collection Swinhoe, Karachi, Assirghar, Bombay, Poona, Calcutta, Rangoon, Nilgiri Hills.
Also recorded from Ceylon and Java.

4371. LEPYRODES LEPIDALIS.

Lepyrodes (?) lepidalis, Walker, Cat. Lep. Het. B. M. xvii, p. 465, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.

Ceylon, Bengal.

Genus **Pessocosma.**

4372. PESSOCOSMA PERITALIS.

Lepyrodes peritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 466, (1859).
Pessocosma peritalis, Moore, Lep. Ceyl. iii, p. 309, (1886).

Ceylon.

Family SICULIDÆ.

Genus **Rhodoneura**.

4373. Rhodoneura denticulosa.

Rhodoneura denticulosa, Moore, Lep. Ceyl. iii, p. 267, (1885).

Ceylon.
Allied to *R. marmorealis*.

4374. Rhodoneura marmorealis.

Rhodoneura marmorealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 617.

Andaman Islands.

4375. Rhodoneura nævina.

Rhodoneura nævina, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).

Darjiling.

4376. Rhodoneura reticulalis.

Rhodoneura reticulalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Andaman Islands.

4377. Rhodoneura tetraonalis.

Rhodoneura tetraonalis, Moore, Proc. Zool Soc. Lond., 1877, p. 617, pl. 60, fig. 10.

Collection Swinhoe, Rangoon.
Also recorded from Andaman Islands.
Allied to R. *puralis* and *R. bastialis*, Walker.

Genus **Pharambara**.

4378. Pharambara alternata.

Pharambara alternata, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).

Darjiling.

4379. Pharambara emblicalis.

Pharambara emblicalis, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta.

4380. Pharambara hamifera.

Pharambara hamifera, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta, Assam.

4381. Pharambara intimalis.

Pharambara intimalis, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta.

4382. PHARAMBARA RETICULATA.

Pharambara reticulata, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).
Darjiling.

Genus **Microsca.**

4383. MICROSCA FASCIATA.

Microsca fasciata, Moore, Descr. Ind. Lep. Atk., p. 213, pl. 7, fig. 22, (1887).
Darjiling.

4384. MICROSCA LOBULATA.

Microsca lobulata, Moore, Descr. Ind. Lep. Atk., p. 214, pl. 7, fig. 12, (1887).
Darjiling.

4385. MICROSCA STRIATALIS.

Microsca striatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875.
Collection Swinhoe, Bombay, Nilgiri Hills.

4386. MICROSCA TRIMERONALIS.

Pyralis (?) trimeronalis, Walker, Cat. Lep. Het. B. M. xix, p. 916, (1859).
Microsca trimeronalis, Moore, Lep. Ceyl. iii, p. 268, (1885).
Ceylon.

Genus **Morova.**

4387. MOROVA ANGULALIS.

Morova angulalis, Moore, Descr. Ind. Lep. Atk., p. 214, (1887).
Rangoon.

Genus **Camadena.**

4388. CAMADENA VESPERTILIONIS.

Camadena vespertilionis, Moore, Descr. Ind. Lep. Atk. p. 214, pl. 7, fig. 13, (1887).
Darjiling.

FAMILY HYDROCAMPIDÆ.

Genus **Cymoriza.**

4389. CYMORIZA ACCLARALIS.

Isopteryx acclaralis, Walker, Cat. Lep. Het. B. M. xvii, p. 403, (1859).
Cymoriza acclaralis, Moore, Lep. Ceyl. iii, p. 303, (1885).
Ceylon.

4390. Cymoriza inextricata.

Cymoriza inextricata, Moore, Descr. Ind. Lep. Atk., p. 210, pl. 7, fig. 7, (1887).

Khasi Hills.

4391. Cymoriza irrectalis.

Cymoriza irrectalis, Guén., Delt. et Pyral., p. 272, No. 262, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 455, (1859).

India.

4392. Cymoriza linealis.

Cymoriza linealis, Moore, Descr. Ind. Lep. Atk., p. 210, (1887).

Assam, Calcutta.

4393. Cymoriza marginalis.

Cymoriza marginalis, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).

Darjiling.

4394. Cymoriza poritialis.

Oligostigma poritialis, Walker, Cat. Lep. Het. B. M. xix, p. 951, (1859).
Cymoriza poritialis, Moore, Lep. Ceyl. iii, p. 303, pl. 179, fig. 11, (1885).

Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4395. Cymoriza rivularis.

Cymoriza rivularis, Moore, Descr. Ind. Lep. Atk., p. 210, pl. 7, fig. 8, (1887).

Darjiling.

Genus **Paraponyx.**

4396. Paraponyx affinialis.

Paraponyx affinialis, Guén., Delt. et Pyral., p. 270, No. 259, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 454, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 868; and 1886, p. 458.

Collection Swinhoe, Sikkim, Karachi, Mhow, Poona, Bombay.

4397. Paraponyx crisonalis.

Hydrocampa crisonalis, Walker, Cat. Lep. Het. B. M. xix, p. 961, (1859).
Paraponyx crisonalis, Moore, Lep. Ceyl. iii, p. 302, (1885).

Ceylon.

4398. Paraponyx gangeticalis.

Paraponyx gangeticalis, Leder., Wien. Ent. Monat. vii, 485, pl. 18, fig. 5, (1863).
———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1339, (1865).

India.

4399. Paraponyx linealis.

Paraponyx linealis, Guén., Delt. et Pyral., p. 271, No. 260, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 454, (1859).
——————— Moore, Lep. Ceyl. iii, p. 302, (1885).
Oligostigma obitalis, Walker, *loc. cit.*, xvii, p. 432, (1859).

Collection Swinhoe, Ceylon.
Also recorded from India and Australia.

4400. Paraponyx oryzalis.

Paraponyx oryzalis, Wood-Mason, Rice Pest of Burma, Calcutta, 1885, with plate.

Burma.

4401. Paraponyx vagalis.

Oligostigma vagalis, Walker, Cat. Lep. Het. B. B. xxxiv, p. 1530, (1865).
Paraponyx vagalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

Punjab, Java.

4402. Paraponyx votalis.

Oligostigma votalis, Walker, Cat. Lep. Het. B. M. xvii, p. 433, (1859).
Paraponyx votalis, Moore, Lep. Ceyl. iii, p. 302, (1885).

Collection Swinhoe, Ceylon, Nilgiri Hills, Rangoon.

Genus **Niaccaba.**

4403. Niaccaba bisectalis.

Cataclysta (?) bisectalis, Walker, Cat. Lep. Het. B. M., xvii, p. 449, (1859).
Paraponyx (?) bisectalis, Walker, *loc. cit.*, xix, p. 954, (1859).
Niaccaba bisectalis, Moore, Lep. Ceyl. iii, p. 304, pl. 179, fig. 12, (1885).

Ceylon.

4404. Niaccaba deleta.

Niaccaba deleta, Moore, Lep. Ceyl. iii, p. 304, pl. 179, fig. 13, (1885).

Ceylon.

4405. Niaccaba sumptualis.

Niaccaba sumptualis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1272, (1865).
——————— Moore, Lep. Ceyl. iii, p. 303, (1885).

Ceylon.

Genus **Oligostigma.**

4406. Oligostigma bilinealis.

Oligostigma bilinealis, Snellen, Tijd. Ent. xix, 1876, p. 196, pl. 8, fig. 1*a*—*c*.

Punjab.

4407. Oligostigma colonialis.

Oligostigma colonialis, Guén., Delt. et Pyral, p. 262, No. 248, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 431, (1859).
———— Snellen, Tijd. Ent. xix, 1876, p. 198, pl. 8, figs. 3*a*—*d*.

Bombay.

4408. Oligostigma crassicornalis.

Oligostigma crassicornalis, Guén., Delt. et Pyral, p. 261, No. 246, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 433, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Hydrocampa crassicornalis, Leder., Wien. Ent. Monat. vii, p. 451, (1863).
Oligostigma tripunctalis, Walker, *loc. cit.* xxxiv, p. 1531, (1885).

Bengal and Java.

4409. Oligostigma gibbosalis.

Oligostigma gibbosalis, Guén., Delt. et Pyral, p. 262, No. 249, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 431, (1859).
———— Snellen, Tijd. Ent. xix, 1876, p. 207, pl. 9, figs. 12*a*—*d*.

India, Celebes, Java.

4410. Oligostigma hamalis.

Oligostigma hamalis, Snellen, Tijd. Ent. xix, 1876, p. 199, pl. 8, figs. 4*a*—*c*.

Punjab.

4411. Oligostigma incommoda.

Oligostigma incommoda, Butler, Proc. Zool. Soc. Lond., 1881, p. 180.
———— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 524.

Karachi, Socotra.

4412. Oligostigma parvalis.

Oligostigma parvalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Andaman Islands.

4413. Oligostigma sejunctalis.

Oligostigma sejunctalis, Snellen, Tijd. Ent. xix, 1876, p. 207, pl. 9, figs. 11 *a*—*c*.

Punjab.

Genus **Talanga.**

4414. Talanga sexpunctalis.

Oligostigma sexpunctalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616, pl. 60, fig. 12.
Glyphodes lomaspilalis, Snellen, Tijd. Voor. Ent., 1880, p. 223.
Cataclysta nympha, Butler, Proc. Zool. Soc. Lond., 1880, p. 683, ♂.
Talanga sexpunctata (sic), Moore, Lep. Ceyl. iii, p. 301, pl. 181, fig. 13, (1885).

Andaman Islands, Ceylon, and Celebes.

Genus **Cataclysta.**

4415. CATACLYSTA ANGULATA.

Cataclysta angulata, Moore, Lep. Ceyl. iii, p. 300, pl. 181, fig. 12, (1885).
Ceylon.

4416. CATACLYSTA BLANDIALIS.

Cataclysta blandialis, Walker, Cat. Lep. Het. B. M. xvii, p. 448, (1859).
———————Moore, Lep. Ceyl. iii, p. 299, pl. 179, fig. 15, (1885).
Ceylon.

4417. CATACLYSTA BOMBAYENSIS.

Cataclysta dilucidalis, Walker (*nec* Boisduval), Cat. Lep. Het. B. M. xvii, p. 446, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 868.
Collection Swinhoe, Bombay.
Allied to *C. dilucidalis* from Java.

4418. CATACLYSTA CUNEIFERA.

Cataclysta cuneifera, Moore, Lep. Ceyl. iii, p. 300, pl. 179, fig. 14, (1885).
Collection Swinhoe, Ceylon, Nilgiri Hills.

4419. CATACLYSTA DELICATA.

Cataclysta delicata, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 5, ♂, (1887).
Ceylon.

4420. CATACLYSTA DOMINALIS.

Cataclysta dominalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1337, (1865).
South India.

4421. CATACLYSTA HALIALIS.

Cataclysta halialis, Walker, Cat. Lep. Het. B. M. xvii, p. 447.
———————Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Collection Swinhoe, Poona, Khandalla.

4422. CATACLYSTA MAGNIFICALIS.

Pyralis magnificalis, Hübn., Pyral., pl. 16, fig. 104.*
Cataclysta magnificalis, Hübn., Verz. bek. Schm. p. 363, No. 3496, (1816).
———————Guén., Delt. et Pyral. 267, 256, (1854).
———————Walker, Cat. Lep. Het. B. M. xvii, p. 446, (1859).
Nymphula magnificalis, Treit, Schm. vii, 140, 9.*
India.

4423. CATACLYSTA OCHRIPICTA.

Cataclysta ochripicta, Moore, Descr. Ind. Lep. Atk., p. 209, (1887).
Collection Swinhoe, Kirkee (Poona).
Also recorded from Cherrapunji.

4424. Cataclysta ornata.

Cataclysta ornata, Moore, Lep. Ceyl. iii, p. 299, pl. 181, fig. 11, (1885).
Ceylon.

4425. Cataclysta patnalis.

Cataclysta patnalis, Felder & R. Reise, Novara, pl. 136, fig. 7, ♂, (1874).
Calcutta, Amboina.

4426. Cataclysta peribocalis.

Cataclysta peribocalis, Walker, Cat. Lep. Het. B. M. xvii, p. 446, (1859).
Collection Swinhoe, Sikkim, Solun, Nilgiri Hills.

Genus **Herdonia.**

4427. Herdonia osacesalis.

Herdonia osacesalis, Walker, Cat. Lep. Het. B. M. xix, p. 964, (1859).
——————— Felder & R. Reise, Novara, pl. 134, fig. 4, (1874).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Sylhet.

Genus **Hydrocampa.**

4428. Hydrocampa bengalensis.

Hydrocampa bengalensis, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).
Calcutta.

4429. Hydrocampa picalis.

Hydrocampa picalis, Guén., Delt. et Pyral., p. 274, No. 264, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 461, (1859).
India.

4430. Hydrocampa pulchralis.

Hydrocampa pulchralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Collection Swinhoe, Darjiling.

4431. Hydrocampa scitalis.

Hydrocampa scitalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 869.
Collection Swinhoe, Bombay.

4432. Hydrocampa tenera.

Hydrocampa tenera, Butler, Proc. Zool. Soc. Lond., 1883, p. 167.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524, and 1885, p. 869.
Collection Swinhoe, Karachi, Poona.
Allied to *H. rivularis*.

Genus **Isopteryx.**

4433. ISOPTERYX ENIXALIS.

Isopteryx enixalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 869.

Collection Swinhoe, Bombay.

4434. ISOPTERYX FŒDALIS.

Isopteryx fœdalis, Guén., Delt. et Pyral., p. 228, No. 195, pl. 4, fig. 7, ♀, (1854).
———————— Snellen, Tijd. Voor. Ent. 1872, p. 96; and 1884, p. 47.
———————— Walker, Cat. Lep. Het. B. M. xvii, p. 402, (1859).
———————— Moore, Lep. Ceyl. iii, 306, (1886).
Isopteryx spilomelalis, Walker, *loc. cit.* xvii, p. 403, (1859).

India, Ceylon.

4435. ISOPTERYX TRISIGNATA.

Isopteryx trisignata, Moore, Lep. Ceyl. iii, p. 306, (1886).

Ceylon.

Genus **Eurrhyparodes.**

4436. EURRHYPARODES ABNEGATALIS.

Isopteryx (?) abnegatalis, Walker, Cat. Lep. Het. B. M. xvii, p. 404, (1859).
Botys abnegatalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 376, pl. 11, fig. 17, (1863).
Eurrhyparodes abnegatalis, Moore, Lep. Ceyl. iii, p. 295, pl. 179, fig. 7, (1885).
Botys bracteolalis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handl., 1852, p. 30*.
Molybdantha bracteolalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 309.

Collection Swinhoe, Ceylon, Calcutta.
Also recorded from Australia.

4437. EURRHYPARODES ACCESSALIS.

Isopteryx accessalis, Walker, Cat. Lep. Het. B. M. xvii., p. 405, (1859).
Eurrhyparodes accessalis, Moore, Lep. Ceyl. iii, p. 294, pl. 179, fig. 6, (1885).
Eurrhyparodes stibialis, Snellen, Tijd. Voor. Ent. 1880, p. 216, and 1883, p. 134, pl. 8, fig. 3, ♀.

Ceylon, Java, Celebes, and Japan.

Genus **Pramadea.**

4438. PRAMADEA DENTICULATA.

Pramadea denticulata, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).

Khasi Hills.

Family PYRALIDÆ.

Genus Pyralis.

4439. Pyralis acaciusalis.

Pyralis acaciusalis, Walker, Cat. Lep. Het. B. M. xix, p. 901, (1859).

India.

4440. Pyralis angulifascia.

Pyralis angulifascia, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).

Darjiling.

4441. Pyralis assamica.

Pyralis assamica, Moore, Descr. Ind. Lep. Atk., p. 205, pl. 7, fig. 5, (1887).

Assam.

4442. Pyralis bastialis.

Pyralis bastialis, Walker, Cat. Lep. Het. B. M. xix, p. 902, (1859).

India.

4443. Pyralis bractiatella.

Myelois bractiatella, Walker, Cat. Lep. Het. B. M., xxvii, p. 36, (1863).
Pyralis bractiatella, Moore, Lep. Ceyl. iii, p. 262, pl. 178, fig. 5, ♀, (1885).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 332.

I. M., Ceylon (Colombo Museum).
Also recorded from the Punjab.

4444. Pyralis elachia.

Pyralis elachia, Butler, Ill. Typ. Lep. Het. B. M., iii, p. 70, pl. 58, fig. 3, (1879).
——————— Proc. Zool. Soc. Lond. 1883, p. 166, and 1886, p. 383.

I. M., Ceylon (Colombo Museum), Kulu (Young).
Collection Swinhoe, Solun, Campbellpur.
Also recorded from Japan.

4445. Pyralis elongalis.

Pyralis elongalis, Koll., Hüg. Kaschm., p. 493, (1848).
Pyralis mensalis, Guén., Delt. et Pyral., p. 120, No. 8, (1854).
——————— Walker, Cat. Lep. Het. B. M. xvii, p. 267, (1859).

Mussoorie.

4446. Pyralis farinalis.

Phalæna (Pyralis) farinalis, Linn., Syst. Nat. ii, 880, 327, (1767).
———————— Faun. Suec., 1348.*
———————— Clerck, Icon., pl. 2, fig. 14.
———————— Scop., Ent. Carn., 240, 608.*
———————— Wien., Verz. 122, 33.*
———————— Gmel., ed. Syst. Nat. i, 5, 2519, 327.*
———————— Turt., Syst. Nat. iii, 273.*
Phalæna farinalis, Fabr., Sp. Ins. ii, p. 270, No. 169, (1781).
———————— Mant. Ins. ii, p. 216, No. 264, (1787).
———————— Ent. Syst. iii, 2, p. 219, No. 336, (1794).
———————— Brahm., Ins. 521.*
———————— Schr., Faun. Boic. ii, 68, 1730.*
Phalæna pyralis, Fuessl., Schm. Ins. 41, 808.*
Hypsopygia farinalis, Hübn., Verz. Bek. Schm. p. 348, No. 3335, (1816).
Asopia farinalis, Treit., Schm. vii, 147, 1.*
———————— Zeller, Stett. Ent. Zeit. iv, p. 140, (1843).
———————— Herr, Schäff. Eur. Schm. iv, 121, 5.
Var. Asopia lienigialis, Herr Schæff., Eur. Schm. iv, 121, fig. 49.*
Pyralis farinalis, Hubn., Pyral., pl. 15, fig. 95.*
———————— Brahm., Ins. ii, 1, 151, 380.*
———————— Panz., Faun. Germ. X, 21.*
———————— Illig., N. Auss. ii, 26, p. 33.*
———————— Mull., Faun. Frid., 54, 478.*
———————— Zool. Dan. 132, 1530.*
———————— Dup., Lep. 193, pl. 223, fg. 1.*
———————— Steph, Ill. Brit. Haust. iv, 25, 1.*
———————— Luc., Exol. Alg. 149.*
———————— Guén., Delt. et Pyral., p. 119, No. 6, (1854).
———————— Walker, Cat. Lep. Het. B. M., xvii, p. 262, (1859).
———————— Butler, Ann. Nat. Hist. (5) ix, p. 210, (1882).
———————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353.

Collection Swinhoe, Kandahar.
Also recorded from Europe.

4447. Pyralis gerontesalis.

Pyralis gerontesalis, Walker, Cat. Lep. Het. B. M., xix, p. 896, (1859).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, and 1885, p. 864.
———————— Moore, Lep. Ceyl. iii, p. 263, pl. 178, fig. 6, ♀, (1885).
Sacatia laudatella, Walker, *loc. cit.*, xxvii, p. 124, ♂, (1863).
Pyralis despectalis, Walker, *loc. cit.*, xxxiv, p. 1243, (1865).
Pyralis (?) *miseralis*, Walker, *loc. cit.*, xxxiv, p. 1244, (1865).

Collection Swinhoe, Darjiling, Karachi, Bombay, Poona.
Also recorded from Ceylon.

4448. Pyralis ibycusalis.

Pyralis ibycusalis, Walker, Cat. Lep. Het. B. M., xix, p. 899, (1859).
India.

4449. Pyralis (?) idalialis.

Pyralis (?) *idalialis*, Walker, Cat. Lep. Het. B. M. xix, p. 903, (1859).
Borneo, Ceylon.

4450. Pyralis imbecilis.

Pyralis imbecilis, Moore, Lep. Ceyl. iii, p. 264, (1885).

Ceylon.
Allied to *P. glaucinalis* (Linn.) of Europe.

4451. Pyralis incongrua.

Pyralis incongrua, Butler, Proc. Zool. Soc. Lond. 1886, p. 383, pl. 35, fig. 5.

Kala Pani (Punjab).[1]
Allied to *P. glaucinalis*, *P. yokohamæ* and *P. nannodes*.

4452. Pyralis janiusalis.

Pyralis janiusalis, Walker, Cat. Lep. Het. B. M. xix, p. 904, (1859).
———— Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4453. Pyralis loceusalis.

Pyralis loceusalis, Walker, Cat. Lep. Het. B. M. xix, p. 903, (1859).

India.

4454. Pyralis lucillalis.

Pyralis lucillalis, Walker, Cat. Lep. Het. B. M. xvii, p. 268, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864, and 1886, p. 457.

I. M., Poona (Swinhoe), Kulu (Young).
Collection Swinhoe, Solun, Mhow, Poona, Rangoon.

4455. Pyralis palesalis.

Pyralis palesalis, Walker, Cat. Lep. Het. B. M. xvii, p. 269, (1859).
———— Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4456. Pyralis pallivittata.

Pyralis pallivittata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).

Collection Swinhoe, Kulu.

4457. Pyralis phycidalis.

Pyralis phycidalis, Guén., Delt. et Pyral., p. 121, No. 10, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 268, (1859).

India.

4458. Pyralis pictalis.

Asopia pictalis, Curt., Brit. Ent. xi, pl. 527.*
———— Herr Schäff., Eur. Schm. iv, 123, 15.*
Pyralis pictalis, Steph, Ill. Brit. Haust. iv, 395.*
———— Guén., Delt. et Pyral., p. 120, No. 9, (1854).
———— Walker, Cat. Lep. Het. B. M., xvii, p. 267, (1859).

India, Europe.

4459. Pyralis platymitris.

Pyralis platymitris, Butler, Proc. Zool. Soc. Lond. 1883, p. 166.

I. M., Kulu (Young).
Collection Swinhoe, Solun.

4460. Pyralis proximalis.

Pyralis proximalis, Walker, Trans. Ent. Soc. Lond., 3rd ser. i., p. 120, (1862—64).
———— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1225, (1865).

India.

4461. Pyralis quisqualis.

Pyralis quisqualis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 11.

Poona.

4462. Pyralis ravolalis.

Pyralis ravolalis, Walker, Cat. Lep. Het. B. M., xix, p. 898, (1859).
———— Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4463. Pyralis recisalis.

Pyralis recisalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866.

Collection Swinhoe, Satara, Poona.

4464. Pyralis roborealis.

Pyralis roborealis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 1.

Collection Swinhoe, Nilgiri Hills, Rangoon.
Also recorded from Bombay.

4465. Pyralis rubicundalis.

Pyralis rubicundalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Karachi.

4466. Pyralis suffusalis.

Pyralis suffusalis, Walker, Cat. Lep. Het. B. M. xxxiv. p. 1235, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Tatta (Sind), Rangoon.
Also recorded in Calcutta.
Closely allied to *P. Pelargalis*.

4467. Pyralis tenebrosalis.

Pyralis tenebrosalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1235, (1865).
———— Swinhoe, Proc. Zool. Soc. 1885, p. 864.

Collection Swinhoe, Poona.

4468. Pyralis trifascialis.

Pyralis trifascialis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614, pl. 60, fig. 9.

Andaman Islands.

4469. Pyralis (?) trilatalis.

Pyralis (?) trilatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1237, (1865).

North India

4470. Pyralis uberalis.

Pyralis uberalis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 10; and 1886, p. 457.

Collection Swinhoe, Mhow, Karachi.

4471. Pyralis xylinalis.

Pyralis xylinalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 17.

Collection Swinhoe, Poona.

4472. Pyralis zizanialis.

Pyralis zizanialis, Swinhoe, Proc Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 12.
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 332.

Collection Swinhoe, Bombay, Travancore.
Also recorded from the Punjab.

Genus **Stericta**.

4473. Stericta divitalis.

Glossina divitalis, Guén., Delt. et Pyral., p. 124, No. 20, pl. 7, fig. 4, ♀, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 273, (1859).
Stericta divitalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 340, (1863).
———— Moore, Lep. Ceyl. iii, p. 258, (1885).
Locastra phereciusalis, Walker, *loc. cit.* xvi, p. 159, ♂, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 86.

Sylhet, Ceylon, Borneo.

4474. Stericta vitialis.

Pyralis vitialis, Walker, Cat. Lep. Het. B. M. xix, p. 897, ♀, (1859).
Pyralis helvialis, Walker, *loc. cit.*, xix, p. 915, ♂, (1859).
Stericta helvialis, Moore, Lep. Ceyl. iii, p. 258, pl. 178, fig. 1 ♀, 1*a* larva, (1885).

Ceylon.

Genus **Locastra.**

4475. Locastra cuproviridalis.

Locastra cuproviridalis, Moore, Proc. Zool. Soc. Lond. 1867, p 87.

Darjiling.

4476. Locastra lativitta.

Locastra lativitta, Moore, Descr. Ind. Lep. Atk., p. 199, pl. 7, fig. 1, (1887).

Darjiling.

Allied to *L. cuproviridalis*.

4477. Locastra rudis.

Locastra rudis, Walker, Trans. Ent. Soc. Lond., 3rd ser. i, p. 115, (1862—64).
———————— Cat. Lep. Het. B. M., xxxiv, p. 1167, (1865).

India.

Genus **Pannucha.**

4478. Pannucha ænescens.

Pannucha ænescens, Moore, Descr. Ind. Lep. Atk., p. 200, (1887).

Darjiling.

4479. Pannucha basalis.

Pannucha basalis, Moore, Descr. Ind. Lep. Atk., p. 200, pl. 7, fig. 2, (1887).

Darjiling.

Genus **Teliphasa.**

4480. Teliphasa nubilosa.

Teliphasa nubilosa, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).

Darjiling.

4481. Teliphasa orbiculifera.

Teliphasa orbiculifera, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).

Darjiling.

Genus **Taurica.**

4482. Taurica sikkima.

Taurica sikkima, Moore, Descr. Ind. Lep. Atk., p. 202, (1887).

Darjiling.

Genus **Scopocera.**

4483. SCOPOCERA MINOR.

Scopocera minor, Moore, Descr. Ind. Lep. Atk., p. 203, (1887).
Darjiling.

4484. SCOPOCERA PYRALIATA.

Scopocera pyraliata, Moore, Descr. Ind. Lep. Atk., p. 202, (1887).
Darjiling.

4485. SCOPOCERA SINUOSA.

Scopocera sinuosa, Moore, Descr. Ind. Lep. Atk., p. 203, pl. 7, fig. 3, (1887).
Darjiling.

4486. SCOPOCERA VARIEGATA.

Scopocera variegata, Moore, Descr. Ind. Lep. Atk., p. 203, pl. 7, fig. 4, (1887).
Darjiling.

Genus **Sarama.**

4487. SARAMA ATKINSONII.

Sarama atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 204, (1887).
Darjiling.

Genus **Orthaga.**

4488. ORTHAGA EUADRUSALIS.

Orthaga euadrusalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1174, (1865).
——————— Moore, Lep. Ceyl. iii, p. 259, pl. 178, figs. 2, 2*a*, ♂, ♀, 2*b* larva, (1885).
Borneo, India, Ceylon.

4489. ORTHAGA JUCUNDALIS.

Bleptina (?) jucundalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1164, ♂, (1865).
Orthaga jucundalis, Moore, Lep. Ceyl. iii, p. 260, (1885).
Ceylon.

4490. ORTHAGA OBSCURA.

Orthaga obscura, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).
Darjiling.

Genus **Banepa.**

4491. BANEPA ATKINSONII.

Banepa atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 204, (1887).
Darjiling.

Genus **Rodaba.**

4492. RODABA ANGULIPENNIS.

Rodaba angulipennis, Moore, Descr. Ind. Lep. Atk., p. 205, (1887).
Darjiling.

Genus **Doththa.**

4493. DOTHTHA MESENTERIALIS.

Doththa mesenterialis, Walker, Cat. Lep. Het. B. M. xvii, p. 285, ♂, (1859), and xix, p. 920, (1859).
————————Moore, Lep. Ceyl. iii, p. 265, pl. 178, fig. 8, (1885).
Ceylon, Borneo.
Allied to *D. suffusalis.*

4494. DOTHTHA SIMILATA.

Doththa similata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).
Collection Swinhoe, Sikkim.
Allied to *D. suffusalis.*

4495. DOTHTHA SUFFUSALIS.

Endotricha suffusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 390, (1859).
Doththa suffusalis, Moore, Lep. Ceyl. iii, p. 266, (1885).
Ceylon.

Genus **Endotricha.**

4496. ENDOTRICHA DECESSALIS.

Endotricha decessalis, Walker, Cat. Lep. Het. B. M. xvii, p. 390, (1859).
————————- Moore, Lep. Ceyl. iii, p. 265, (1885).
Pyralis decessalis, Walker, *loc. cit.*, xxxiv, p. 1234, (1865).
Ceylon.

4497. ENDOTRICHA LORICATA.

Endotricha loricata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).
Calcutta.

Genus **Letchena.**

4498. LETCHENA ELARALIS.

Pyralis elaralis, Walker, Cat. Lep. Het. B. M. xix, p. 901, (1859).
Letchena elaralis, Moore, Lep. Ceyl. iii, p. 257, (1885).
Ceylon.

4499. LETCHENA THYRALIS.

Pyralis (?) thyralis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1234, (1865).
Letchena thyralis, Moore, Lep. Ceyl. iii, p. 257, pl. 178, fig. 10, (1885).
Ceylon.

Genus **Aglossa.**

4500. AGLOSSA ARGENTALIS.

Aglossa argentalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 89.

Collection Swinhoe, Khasi Hills, Darjiling, Kurseyong.

4501. AGLOSSA DIMIDIALIS.

Aglossa dimidialis, Guén., Delt. et Pyral., p. 128, No. 25, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 277, (1859).
Crambus dimidiatus, Haw., Lep. Brit. 372.*
Aglossa dimidiatus, Steph., Ill. Brit. Haust. iv, 24.*

India.

4502. AGLOSSA GNIDUSALIS.

Aglossa gnidusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 278, (1859).
———— Moore, Lep. Ceyl. iii, p. 266, (1885).

Ceylon.

4503. AGLOSSA PINGUINALIS.

Phalæna (Pyralis) pinguinalis, Linn., Faun. Suec., 1350.*
———— Syst. Nat. ii, p. 882, No. 336, (1767).
———— Gmel., ed. Syst. Nat. i, 5, 2523, 336.*
———— Stew., El. ii, 181.*
———— Turt. Syst. iii, 279.*
Phalæna pinguinalis, Fabr., Sp. Ins. ii, p. 273, No. 184, (1781).
———— Mant. Ins. ii, p. 220, No. 292, (1787).
———— Ent. Syst. iii, 2, p. 230, No. 377, (1794).
———— Brahm., Ins. ii, 1, 111, 50, 388, 267.*
———— Schr., Faun. ii, 59, 1705.*
Pyralis pinguinalis, Wien., Verz., 120, 13.*
———— Hübn., Pyral., pl. 4, fig. 24.*
———— Mull., Faun. Frid. 54, 479.*
———— Zool. Dan. 133, 1537.*
———— Illig., N. Auss. ii, 10, 13.*
———— Fuessl., Schr. Ins., 42, 815.*
———— Lang., Yerz. ii, 209, 1421.*
Crambus pinguinatus, Haw., Lep. Brit., 371.*
Euclita pinguinalis, Hübn., Verz. Bek. Schm., p. 347, No. 3316, (1816).
Aglossa pinguinalis, Latr., Hist. Nat. xiv, 229.*
———— Treit., Schm. vii, 39, 2.*
———— Dup., Lep. 63, pl. 213, fig. 6.*
———— Steph., Ill. Brit. Haust. iv, 23, (1854).*
———— Herr. Schäff., Eur. Schm. iv, 119, 1.*
———— Guén., Delt. et Pyral., p. 127, No. 22, (1854).
———— Walker, Cat. Lep. Het. B. M. xvii, p. 274, (1859).
———— Butler, Ann. Nat. Hist. (5), ix, p. 210, (1882).
———— Swinhoe, Trans. Ent. Soc. Lond., 1885, p. 353.
———— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

Collection Swinhoe, Quetta, Kandahar.
Also recorded from Murree and Europe.

Genus **Cœnodomus.**

4504. Cœnodomus hockingii.

Cœnodomus hockingii, Walsingham, Trans. Zool. Soc. Lond., 1887, p. 50, pl. 5.

I. M., Vizagapatam (Museum Collector), Calcutta (Blechynden), Hazaribagh (Frizoni).

Collection Swinhoe, Solun.

Also recorded from Punjab, Kangra Valley.

Genus **Stemmatophora.**

4505. Stemmatophora castanoptera.

Stemmatophora castanoptera, Moore, Lep. Ceyl. iii, p. 260, pl. 178, fig. 7, ♂, (1885).

Collection Swinhoe, Ceylon.

4506. Stemmatophora ingrata.

Stemmatophora ingrata, Butler, Proc. Zool. Soc. Lond., 1881, p. 621.

Karachi.

4507. Stemmatophora (?) pulverulenta.

Stemmatophora (?) pulverulenta, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.

Campbellpur (Punjab).

4508. Stemmatophora rudis.

Stemmatophora rudis, Moore, Descr. Ind. Lep. Atk., p. 205, (1887).

Darjiling.

4509. Stemmatophora vibicalis.

Stemmatophora vibicalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 338, 457, pl. 7, fig. 4, ♀, (1863).

——————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1251, (1865).

——————— Moore, Lep. Ceyl. iii, p. 260, (1885).

I. M., Ceylon (Colombo Museum), ? Kulu (Young).

4510. Stemmatophora vulsalis.

Botys (?) vulsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 671, ♀, (1859).
Stemmatophora vulsalis, Moore, Lep. Ceyl. iii, p. 260, (1885).

Ceylon.

Genus **Herculia.**

4511. Herculia bilineata.

Herculia bilineata, Moore, Lep. Ceyl. iii, p. 555, pl. 215, fig. 11, (1887).

Ceylon.

4512. Herculia bractealis.

Herculia bractealis, Walker, Cat. Lep. Het. B. M. xix, p. 808, ♀, (1859).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
———— Lep. Ceyl. iii, p. 261, (1885).

Collection Swinhoe, India.
Also recorded from Ceylon.

4513. Herculia igniflualis.

Pyralis igniflualis, Walker, Cat. Lep. Het. B. M. xvii, p. 268, (1859).
Herculia igniflualis, Moore, Lep. Ceyl. iii, p. 261, (1885).

Ceylon.

Genus **Vitessa.**

4514. Vitessa formosa.

Vitessa formosa, Felder & R. Reise, Novara, pl. 137, fig. 1, ♂, (1874).

India.

4515. Vitessa rama.

Vitessa rama, Moore, Lep. Ceyl. iii, p. 256, pl. 178, fig. 4, ♂, (1885).

Collection Swinhoe, Ceylon.

4516. Vitessa suradeva.

Vitessa suradeva, Moore, Cat. Lep. Mus. E. I. C. ii, p. 299, pl. 7*a*, fig. 7, (1858).
———— Walker, Cat. Lep. Het. B. M. xxxi, p. 219, (1864).

1 M., Andaman Islands, Naga Hills, Sikkim (purchased), Mergui (Anderson).
Collection Swinhoe, Sylhet, Travancore, Anamalli Hills, Andaman Islands.

Genus **Tyspana.**

4517. Tyspana vitessoides.

Tyspana vitessoides, Moore, Lep. Ceyl. iii, p. 256, pl. 178, figs. 3, 3*a*, larva, (1885).

1. M., Sibsagar (Peal), Sikkim (purchased).
Collection Swinhoe, Ceylon.

Genus **Hellula.**

4518. Hellula undalis.

Phalæna undalis, Fabr., Ent. Syst. iii, 2, p. 226, No. 362, (1794).
Pyralis undalis, Hübn., Pyral. 19, 7, pl. 14, fig. 93, (1797).*
Nymphula undalis, Treit., Sch. vii, p. 128, 1.*
———— Dup., Lep. viii, p. 160, pl. 221, fig. 1.*
———— Herr. Schäff., Eur. Schmett. iv, p. 10, 1, pl. 8, fig. 54.*
Hellula undalis, Guén., Delt. et Pyral., p. 416, No. 538, (1854).
———— Walker, Cat. Lep. Het. B. M., xix, p. 813, (1859).
———— Moore, Lep. Ceyl. iii, p. 355, (1886).
Oebia undulalis, Hübn., Verz. Schmett., p. 362, No. 3464, (1816).

HELLULA UNDALIS—*continued.*

Scoparia alconalis, Walker, *loc. cit.*, xix, p. 827, (1859).
Scoparia optatusalis, Walker, *loc. cit.*, xix, p. 1018, (1859).
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi.
Also recorded from Ceylon and Europe.

Genus **Hypotia.**

4519. HYPOTIA ALLALIS.

Hypotia allalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 462, pl. 41, fig. 2.
Collection Swinhoe, Mhow.

4520. HYPOTIA RUBELLA.

Hypotia rubella, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 9.
Collection Swinhoe, Karachi, Hyderabad, Lindi (Sind).

4521. HYPOTIA VAFERA.

Hypotia vafera, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 8.
Collection Swinhoe, Karachi, Hyderabad (Sind).

4522. HYPOTIA VULGARIS.

Hypotia vulgaris, Butler, Proc. Zool. Soc. Lond. 1881, p. 621.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523.
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Hubb river, Tatta (Sind).

Genus **Agastia.**

4523. AGASTIA FLAVOMACULATA.

Agastia flavomaculata, Moore, Proc. Zool. Soc. Lond. 1881, p. 379.
Darjiling.
Allied to *A. hyblæoides*.

4524. AGASTIA HYBLÆOIDES.

Agastia hyblæoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 379.
I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

Genus **Bostra.**

4525. BOSTRA ILLUSELLA.

Bostra illusella, Walker, Cat. Lep. Het. B. M. xxvii, p. 123, (1863).
——————— Moore, Lep. Ceyl. iii, p. 264, (1885).
Ceylon.

Genus **Heliothela.**

4526. HELIOTHELA OPHIDERESANA.

Orosona ophideresana, Walker, Cat. Lep. Het. B. M. xxviii, p. 459, (1863).
Nyctarcha ophideres, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 345.
Heliothela ophideresana, Moore, Lep. Ceyl. iii, p. 269, (1885).
Ceylon.

Genus **Arrade.**

4527. ARRADE EREBUSALIS.

Arrade erebusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 82, (1865).
———— Moore, Lep. Ceyl. iii, p. 373, (1886).
Ceylon.

4528. ARRADE MASSALIS.

Arrade massalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866, pl. 57, fig. 10.
Collection Swinhoe, Bombay.

Genus **Cledeobia.**

4529. CLEDEOBIA HYPOTIALIS.

Cledeobia hypotialis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866, and 1886, p. 457.
Collection Swinhoe, Campbellpur, Mhow, Poona.

FAMILY SCOPARIDÆ.

Genus **Nomophila.**

4530. NOMOPHILA NOCTUELLA.

Tinea noctuella, Schiff Wien, Verz. 136, 35, (1776).
———— Illig., N. Ausg. Dess, ii, 92, 35.*
Nomophila noctuella, Leder., Pyral. Wien. Ent. Monat. vii, p. 379, (1863).
———— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 306.
———— Moore, Lep. Ceyl. iii, p. 356, (1886).
Pyralis hybridalis, Hübn., Pyral. 29, 20, pl. 17, fig. 114, (1797).*
———— Haw., Lep. Brit. 386.*
Nomophila hybridalis, Hübn., Verz. Bek. Schmett, p. 368, No. 3536, (1816).
———— Steph., Ill. Brit. Ent. Haust. iv, p. 3121.*
Botys hybridalis, Treit., Schm. vii, 109, 21.*
———— Dup.. Lep. viii, 153, pl. 220, fig. 3.*
Stenopteryx hybridalis, Herr. Sch., Eur. Sch., iv, 42, 137.*
———— Guén., Delt. et Pyral., p. 414, No. 537, (1854).
———— Walker, Cat. Lep. Het. B. M. xix, p. 812, (1859).
———— Butler, Proc. Zool. Soc. Lond. 1881, p. 622, and 1886, p. 384.
———— Butler, Ann. Nat. Hist. (5), ix, p. 211, (1882).
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885, p. 876.
———— Trans. Ent. Soc. Lond. 1885, p. 354.
Collection Swinhoe, Kandahar, Quetta, Karachi, Sikkim, Umballa, Nilgiri Hills, Mhow.

Genus **Scotomera.**

4531. SCOTOMERA TRISTIS.

Scotomera tristis, Butler, Proc. Zool. Soc. Lond. 1881, p. 623.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

Collection Swinhoe, Karachi, Hubb river.

Genus **Scoparia.**

4532. SCOPARIA CONGESTALIS.

Scoparia congestalis, Walker, Cat. Lep. Het. B. M. xix, p. 826, (1859).
———————— Moore, Lep. Ceyl. iii, p. 354, (1886).

Ceylon.

4533. SCOPARIA DELICATALIS.

Scoparia delicatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1500, (1865).

South India.

4534. SCOPARIA ICTERICALIS.

Scoparia ictericalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876, pl. 57, fig. 16.

Collection Swinhoe, Poona.

4535. SCOPARIA MURIFICALIS.

Scoparia murificalis, Walker, Cat. Lep. Het. B. M. xix, p. 826, (1859).
———————— ———— Moore, Lep. Ceyl. iii, p. 355, (1886).

Ceylon.

Genus **Dosara.**

4536. DOSARA CŒLATALIS.

Dosara cælatalis, Walker, Cat. Lep. Het. B. M. xix, p. 829, (1859).
———————— Butler, Proc. Zool. Soc. Lond., 1886, p. 384.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876.
———————— Moore, Lep. Ceyl. iii, p. 351, (1886).

Collection Swinhoe, Karachi, Poona.
Also recorded from the Punjab and Ceylon.

4537. DOSARA LAPSALIS.

Dosara lapsalis, Walker, Cat. Lep. Het. B. M. xix, p. 829, (1859).
————————. Moore, Lep. Ceyl. iii, p. 351, (1886).

Ceylon.

Genus **Parbattia.**

4538. PARBATTIA VIALIS.

Parbattia vialis, Moore, Descr. Ind. Lep. Atk., p. 225, pl. 7, fig. 30, (1887).

Darjiling.

Family PTEROPHORIDÆ.

Genus **Amblyptilia.**

4539. Amblyptilia argyriodactyla.

Platyptilus argyriodactylus, Walker, Cat. Lep. Het. B. M., xxx, p. 929, (1864).
Amblyptilia argyriodactyla, Moore, Lep. Ceyl. iii, p. 527, pl. 209, fig. 13, (1887).

Ceylon.

4540. Amblyptilia taprobanes.

Amblyptilia taprobanes, Felder & R. Reise, Novara Lep. v, pl. 140, fig. 54, ♂, (1875).
——————— Moore, Lep. Ceyl. iii, p. 327, (1887).

Ceylon.

Genus **Platyptilia.**

4541. Platyptilia exaltata.

Pterophorus (*Platyptilus*) *exaltatus*, Zeller, Stett. Ent. Zeit. xxviii, p. 411, 1867.

Collection Swinhoe, Simla.
Also recorded from Sikkim.

Genus **Oxyptilus.**

4542. Oxyptilus anisodactylus.

Oxyptilus anisodactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 934, (1864).
——————— Moore, Lep. Ceyl. iii, p. 528, (1887).

Ceylon.

Genus **Pterophorus.**

4543. Pterophorus atomosus.

Aciptilia atomosa, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 885.

Collection Swinhoe, Bombay.

4544. Pterophorus baptodactylus.

Pterophorus baptodactylus, Zeller, Stettin, Ent. Zeit. 1850, p. 211.
——————— Linn. Ent. vi, p. 401.*
——————— Mann, Wien. Zool. Bot. Zeit. v, 1855, 8, p. 572.
——————— Wien. Ent. Monat. Schrift., 1857, p. 189.
——————— Zeller, Stett. Ent. Zeit. 1867, p. 414.

Europe; also Sikkim.

4545. Pterophorus congrualis.

Pterophorus congrualis, Walker, Cat. Lep. Het. B. M. xxx, p. 943, (1864).

Ceylon.

4546. Pterophorus ischnodactylus.

Aciptilus ischnodactylus, Treit., Lep. Eur. x, 3, 232.*
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 947, (1864).
Pterophorus congrualis, Swinhoe (*nec* Walker), Proc. Zool. Soc. Lond, 1884, p. 526.

Collection Swinhoe, Karachi.
Also recorded from Europe.

4547. Pterophorus lacteipennis.

Aciptilus lacteipennis, Walker, Cat. Lep. Het. B. M. xxx, p. 949, (1864).

India.

4548. Pterophorus leucadactylus.

Aciptilus leucadactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 949, (1864).
Pterophorus leucadactylus, Moore, Lep. Ceyl. iii, p. 528, pl. 209, fig 15, (1887).

Ceylon.

4549. Pterophorus oxydactylus.

Pterophorus oxydactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 944, (1864).
Aciptilia oxydactyla, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 885.
Pterophorus oxydactylus, Moore, Lep. Ceyl. iii, p. 528, pl. 209, fig. 16, (1887).

Collection Swinhoe, Poona, Bombay.
Also recorded from Ceylon.

Genus **Eucnemidophorus.**

4550. Eucnemidophorus alticola.

Cnemidophorus (nom. preoc.) *alticola*, Felder & R. Reise, Novara Lep., pl. 140, fig. 59, (1864-75).

Himalayas.

Genus **Œdematophorus.**

4551. Ædematophorus forcipatus.

Pterophorus (*Œdematophorus ?*) *forcipatus*, Zeller, Stett. Ent. xxviii, 1867, p. 412, pl. 2, fig. 7.

Sikkim.

Genus **Leioptilus.**

4552. Leioptilus serindibanus.

Leioptilus serindibanus, Moore, Lep. Ceyl. iii, p. 527, pl. 209, fig. 14, (1887).

Ceylon.

Genus **Alucita.**

4553. ALUCITA SIKKIMA.

Alucita sikkima, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).

Darjiling.

Government of India Central Printing Office.—No. 20 I. M.—18-2-89.—400.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part VI.—CRAMBITES, TORTRICES, and ADDENDA.

193537
JUL 3 1889

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1889.

Price One Rupee.

Presented

by

The Trustees

of

The Rylian Museum.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part VI.—CRAMBITES, TORTRICES, and ADDENDA.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1889.

Tribe CRAMBITES.

Family PHYCITIDÆ.

Sub-Family PHYCITINÆ.

Genus **Ceroprepes.**

4554. Ceroprepes patriciella.

Ceroprepes patriciella, Zeller, Stett. Ent. Zeit. 1867, p. 402, pl. 2, fig. 4.
India.

4555. Ceroprepes pulvillella.

Nephopteryx pulvillella, Zeller, Stett. Ent. Zeit. 1867, p. 394, pl. 2, fig. 3.
India.

Genus **Cryptoblabes.**

4556. Cryptoblabes angustipennella.

Cryptoblabes angustipennella, Ragonot, Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 6.
India.

4557. Cryptoblabes pallicostalis.

Nephopteryx pallicostalis, Walker, Cat. Lep. Het. B.M. xxvii, p. 63, (1863).
South India.

Genus **Aurana.**

4558. Aurana actiosella.

Aurana actiosella, Walker, Cat. Lep. Het. B.M. xxvii, p. 122, (1863).
——————— Moore, Lep. Ceyl. iii, p. 360, (1886).
Nephopteryx lentalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, fig. 18.
Collection Swinhoe, Bombay, Karachi.
Also recorded from Ceylon.

Genus **Myelois.**

4559. Myelois (?) basifuscalis.

Myelois (?) basifuscalis, Walker, Cat. Lep. Het. B.M. xxvii, p. 38, (1863).
——————— Moore, Lep. Ceyl. iii, p. 368, (1886).
Ceylon.

4560. Myelois (?) carnea.

Myelois (?) carnea, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.
Campbellpur (Punjab).

4561. Myelois (?) marsyusalis.

Myelois (?) marsyusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 37, (1863).
——————— Moore, Lep. Ceyl. iii, p. 369, (1886).
Ceylon.

Genus **Rhodophæa.**

4562. Rhodophæa heringii.

Rhodophæa heringii, Rag., Annal. Soc. Ent. France, 1888, p. 282.
Ceylon.

Genus **Acrobasis.**

4563. Acrobasis ligeralis.

Myelois ligeralis, Walker, Cat. Lep. Het. B. M. xxvii, p. 37, (1863).
Acrobasis ligeralis, Moore, Lep. Ceyl. iii, p. 359, (1886).
Ceylon.

4564. Acrobasis nigrescens.

Acrobasis nigrescens, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.
Kala Pani (Punjab).

Genus **Hypargyria.**

4565. Hypargyria metalliferella.

Hypargyria metalliferella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 9.
Acra, Bathurst, Punjab.

Genus **Hypsipyla.**

4566. Hypsipyla pagodella.

Hypsipyla pagodella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 10.
Punjab.

Genus **Phycita.**

4567. Phycita clientella.

Nephopteryx clientella, Zeller, Stett. Ent. Zeit. 1867, p. 396.
Calcutta.

Genus **Ankova.**

4568. ANKOVA MERIDIONALIS.

Nephopteryx meridionalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 64, (1863).

India.

Genus **Candiope.**

4569. CANDIOPE JOANNISELLA.

Candiope joannisella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 14.

South India.

Genus **Canthelia.**

4570. CANTHELIA ŒGNUSALIS.

Pyralis ægnusalis, Walker, Cat. Lep. Het. B. M. xix, p. 905, (1859).
Canthelia ægnusalis, Moore, Lep. Ceyl. iii, p. 362, (1886).
Homœosoma gratella, Walker, *loc. cit.* xxvii, p. 26, (1863).
———————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877; and 1886, p. 461.
Canthelia gratella, Walker, *loc. cit.* xxxv, p. 1727, (1866).

Collection Swinhoe, Mhow, Poona, Bombay.
Also recorded from Ceylon.

4571. CANTHELIA LATERITIALIS.

Eurhodope lateritialis, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).
Canthelia lateritialis, Moore, Lep. Ceyl. iii, p. 362, (1886).
Nephopteryx concolorella, Walker *loc. cit.* xxxv, p. 1721, (1866).

Ceylon.

4572. CANTHELIA LUCIDA.

Canthelia lucida, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.

Campbellpur (Punjab).
Allied to *C. ægnusalis*.

Genus **Nephopteryx.**

4573. NEPHOPTERYX (?) ÆOLUSALIS.

Nephopteryx (?) æolusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66, (1863).
———————— Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4574. NEPHOPTERYX (?) ARGIADESALIS.

Nephopteryx (?) argiadesalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66, (1863).
———————— Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4575. Nephopteryx creperalis.

Nephopteryx creperalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, fig. 20.

Collection Swinhoe, Poona, Karachi.

4576. Nephopteryx (?) cyllusalis.

Nephopteryx (?) cyllusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 65, (1863).
———————— Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4577. Nephopteryx (?) etolusalis.

Nephopteryx (?) etolusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 64, (1863).
———————— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

4578. Nephopteryx eugraphella.

Nephopteryx eugraphella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 15.

India.

4579. Nephopteryx (?) harpaxalis.

Nephopteryx (?) harpaxalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 65, (1863).
———————— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

4580. Nephopteryx inconspicuella.

Nephopteryx inconspicuella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 17.

Dharmsala.

4581. Nephopteryx laxalis.

Nephopteryx laxalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877.

Collection Swinhoe, Poona, Bombay.

4582. Nephopteryx rhyparella.

Nephopteryx rhyparella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 15.

Punjab.

4583. Nephopteryx signella

Nephopteryx signella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris (April 1888), p. 15.

Afghanistan.

4584. Nephopteryx suffuscalis.

Nephopteryx suffuscalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.

Collection Swinhoe, Mhow, Poona, Bombay.

4585. Nephopteryx phycisella.

Nephopteryx phycisella, Walker, Cat. Lep. Het. B. M. xxx, p. 957, (1864).
———————— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

Genus **Salebria.**

4586. Salebria cautella.

Pempelia cautella, Walker, Cat. Lep. Het. B. M. xxvii, p. 73, (1863).
———————— Moore, Lep. Ceyl. iii, p. 369, (1886).

Ceylon.

4587. Salebria ilella.

Pempelia ilella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 529, pl. 48, fig. 6.

Collection Swinhoe, Karachi, Hydrabad (Sind).
Allied to *P. cautella*.

4588. Salebria semirubella.

Phalæna semirubella, Scopoli, Ent. Carn. 245, (1763).*
Phalæna (Tinea) carnella, Linn., Syst. Nat. i, p. 887, (1767).
Tinea sanguinella, Hübner, Tin. Tab. 10, fig. 65, (1800).*
Eurhodope semirubella, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).

N. India, China, Europe.

4589. Salebria undulatella.

Acrobasis undulatella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1711, (1886).
Salebria undulatella, Moore, Lep. Ceyl. iii, p. 360, (1886).

Ceylon.

Genus **Oligochroa.**

4590. Oligochroa akbarella.

Oligochroa akbarella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 20.

Allahabad.

4591. Oligochroa leucophæella.

Pempelia (Salebria) leucophæella, Zeller, Stett. Ent. Zeit. 1867, p. 390.

Calcutta.

4592. Oligochroa nodicornella.

Oligochroa nodicornella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 21.

Lahore.

4593. Oligochroa soricinella.

Oligochroa soricinella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 20.

South India.

Genus **Pristarthria.**

4594. PRISTARTHRIA MINUTELLA.

Salebria minutella, Rag., Bull. Soc. Ent. Fr. (6) v, p. 150, (1885).
———————— Moore, Lep. Ceyl. iii, p. 361, (1886).

Ceylon.
Allied to *P. mundalis*.

Genus **Epicrocis.**

4595. EPICROCIS FESTIVELLA.

Epicrocis festivella, Zeller, Isis (1848), p. 878.*
———————— Mic., Lep. Caffr., p. 77, (1852).*
———————— Walker, Cat. Lep. Het. B. M., xxvii, p. 75, (1863).
———————— Moore, Lep. Ceyl. iii, p. 367, pl. 184, fig. 8, (1886).
———————— Meyrick, Trans. Ent. Soc. Lond., 1887, p. 259.
Scopula albigeralis, Walker, *loc. cit.* xxxiv, p. 1468, (1865).

Ceylon, Java, Africa.

Genus **Hydaspia.**

4596. HYDASPIA DORSIPUNCTELLA.

Hydaspia dorsipunctella, Rag., Nouv. Gen et Espèces de Phyc. et Gall., Paris, (April 1888), p. 22.

Punjab.

Genus **Magiria.**

4597. MAGIRIA IMPARELLA.

Magiria imparella, Zeller, Stett. Ent. Zeit. 1867, p. 393, pl. 2, fig. 2.

India.

4598. MAGIRIA ROBUSTA.

Magiria robusta, Moore, Lep. Ceyl. iii, p. 365, pl. 184, figs. 4, 4*a*, (1886).

Ceylon.

Genus **Anoristia.**

4599. ANORISTIA INANITELLA.

Anoristia inanitella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 25.

Mynpuri.

4600. ANORISTIA VENOSELLA.

Homœosoma venosella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
————————————, 2nd Yark. Miss., Lep., p. 15, pl. 1, fig. 24, (1879).

Yarkand.

Genus **Etiella.**

4601. ETIELLA ZINCKENELLA.

Phycis zinckenella, Treitschke Schmett Eur. ix. i, p. 201, (1832).*
Mella zinckenella, Butler, Proc. Zool. Soc. Lond., 1881, p. 623.
——————— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 529.
——————— Moore, Lep. Ceyl. iii, p. 367, (1886).
Mella dymnusalis, Walker, Cat. Lep. Het., B. M. xix, p. 1018, (1859).
Phycis etiella, Treitschke, *loc. cit.* x, 3, p. 276, (1835).*
Assara albicostalis, Walker, *loc. cit.* xxvii, p. 80, (1863).
Arucha indicatalis, Walker, *loc. cit.*, p. 202, (1863).
Modiana scitivittalis, Walker, *loc. cit.*, p. 83, (1863).
Alata anticalis, Walker, *loc. cit.*, p. 108, (1863); and xxxv, p. 1724, (1866).
Alata subaurella, Walker, *loc. cit.* xxxv, p. 1724, (1866).
Alata hastiferella, Walker, *loc. cit.*, p. 1725, (1866).
var. *Etiella decipiens*, Staudinger, Berl. Ent. Zeit., p. 195, (1870).
Crambus sabulinus, Butler, Ann. Mag. Nat. Hist. (5) iv, p. 455, (1879).

Collection Swinhoe, Mahableswar, Karachi, Hubb, Kotri.
Found in all parts of the inhabited world.

Genus **Heterographis.**

4602. HETEROGRAPHIS MYSORELLA.

Heterographis mysorella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 29.

South India.

4603. HETEROGRAPHIS SINGHALELLA.

Heterographis singhalella, Rag., Ann. Soc. Ent. France, (1888), p. 283.

Ceylon.

4604. HETEROGRAPHIS SUBOBLITELLA.

Heterographis suboblitella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 29.

South India.

Genus **Euzophera.**

4605. EUZOPHERA PERTICELLA.

Euzophera perticella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 32.

Calcutta.

Genus **Homœosoma.**

4606. HOMŒOSOMA ALBOVITTELLA.

Homœosoma albovittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 35.

Allahabad.

4607. HOMŒOSOMA DERASELLA.

Homœosoma derasella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, fig. 19.

Collection Swinhoe, Poona, Bombay.

4608. Homœosoma getusalis.

Homœosoma (?) getusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 26, (1863).
———————, Moore, Lep. Ceyl. iii, p. 359, (1886).

Ceylon.

4609. Homœosoma goliathella.

Homœosoma goliathella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 35.

Calcutta.

4610. Homœosoma punctistrigella.

Homœosoma punctistrigella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 33.

Punjab.

Genus **Cabragus.**

4611. Cabragus auritipalpus.

Cabragus auritipalpus, Moore, Lep. Ceyl. iii, p. 371, pl. 184, fig. 9, (1886).

Ceylon.

Sub-Family ANERASTINÆ.

Genus **Emmalocera.**

4612. Emmalocera lucidicostella.

Emmalocera lucidicostella, Rag., Nouv. Gen et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38.

Punjab.

4613. Emalocera mumbricostella.

Emmalocera umbricostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38.

N.-W. India.

Genus **Lodiana.**

4614. Lodiana umbrivittella.

Lodiana umbrivittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 38.

Punjab.

Genus **Polyocha.**

4615. Polyocha aurifusella.

Crambus aurifusella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1756, (1866).
Chilo aurifusellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona.

4616. Polyocha carnatella.

Polyocha carnatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Lahore.

4617. Polyocha detritella.

Polyocha detritella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

4618. Polyocha variegatella.

Polyocha variegatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

4619. Polyocha vesculella.

Polyocha vesculella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Dharmsala.

Genus **Patna**.

4620. Patna eboricostella.

Patna eboricostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 39.

Darjiling.

Genus **Poujadia**.

4621. Poujadia erodella.

Poujadia erodella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.

South India.

4622. Poujadia ochridorsella.

Poujadia ochridorsella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.

Dharmsala.

4623. Poujadia sepicostella.

Poujadia sepicostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.

Punjab.

4624. Poujadia spurcella.

Poujadia spurcella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.

Allahabad, Libouan.

Genus **Saluria.**

4625. SALURIA OPIFICELLA.

Anerastia opificella, Zeller, Stett. Ent. Zeit. 1867, p. 406.
Calcutta.

Genus **Baroda.**

4626. BARODA PAUCIGRAPHELLA.

Baroda paucigraphella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 42.
Kutch, Calcutta, South India.

Genus **Ambala.**

4627. AMBALA FUSCOSTRIGELLA.

Ambala fuscostrigella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 45.
N.-W. India.

Genus **Heosphora.**

4628. HEOSPHORA LATERCULELLA.

Anerastia laterculella, Zeller, Stett. Ent. Zeit, 1867, p. 403.
Calcutta.

Genus **Talamba.**

4629. TALAMBA TENUINERVELLA

Talamba tenuinervella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, April 1888, p. 47.
Punjab.

Genus **Hypsotropa.**

4630. HYPSOTROPA SCELETELLA.

Anerastia sceletella, Zeller, Stett. Ent. Zeit. 1867, p 404.
Calcutta.

Genus **Anerastia.**

4631. ANERASTIA ADAPTELLA.

Pempelia (?) adaptella, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).
Anerastia adaptella, Moore, Lep. Ceyl. iii, p. 357, (1886).
Ceylon.

4632. ANERASTIA BIMACULELLA.

Anerastia bimaculella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.
South India.

4633. ANERASTIA BRUNNEOVITTELLA.

Anerastia brunneovittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.

Bombay.

4634. ANERASTIA CELSELLA.

Araxes (?) celsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 193, (1863).
Anerastia celsella, Moore, Lep. Ceyl. iii, p. 357, (1886).

Ceylon.

4635. ANERASTIA INFICITA.

Acrobasis inficita, Walker, Cat. Lep. Het. B. M. xxvii, p. 30, (1863).
Anerastia inficita, Moore, Lep. Ceyl. iii, p. 358, (1886).

Ceylon.

4636. ANERASTIA SPINIFRONTELLA.

Anerastia spinifrontella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 48.

India.

4637. ANERASTIA STIGMATELLA.

Anerastia stigmatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.

Dharmsala, Allahabad, South India.

Species described as Phycitidae *but whose position is doubtful.*

Genus **Moca.**

4638. MOCA LITHOSIOIDES.

Moca lithosioides, Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.
Resembles a *Tincid.*

4639. MOCA VELUTINA.

Moca velutina, Walker, Cat. Lep. Het. B. M., xxvii, p. 102, (1863).
——————— Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.
Resembles a *Noctua*. This and the preceding species certainly do not belong to the same family.

Genus **Allata.**

4640. ALLATA PENICILLATA.

Allata penicillata, Walker, Cat. Lep. Het. B. M. xxvii, p. 111, (1863).
India.

Genus **Letoa.**

4641. LETOA PATULELLA.

Letoa patulella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1738, (1866).
N. India.

Genus **Subrita.**

4642. SUBRITA BILINEATELLA.

Subrita bilineatella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1744, (1866).
India.

Genus **Dapha.**

4643. DAPHA VALEUSALIS.

Dapha valeusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 125, (1863).
——————— Moore, Lep. Ceyl. iii, p. 370, (1886).

Ceylon.

Genus **Hamaxia.**

4644. HAMAXIA LIGNULINA.

Hamaxia lignulina, Walker, Cat. Lep. Het. B. M., xxvii, p. 128, (1863).
——————— Moore, Lep. Ceyl. iii, p. 374, (1886).

Ceylon.

Genus **Lacipea.**

4645. LACIPEA MUSCOSELLA.

Lacipea muscosella, Walker, Cat. Lep. Het. B. M., xxvii, p. 138, (1863).
——————— Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.

Genus **Cadra.**

4646. CADRA DEFECTELLA.

Cadra defectella, Walker, Cat. Lep. Het. B. M., xxx, p. 962, (1864).
——————— Moore, Lep. Ceyl. iii, p. 370, (1886).

Ceylon.

Genus (?)

4647. ——————— GRISEELLA.

Myelois griseella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
——————— 2nd Yarkand Miss. Lep., p. 16, pl. 1, fig. 15, (1879).

Yarkand.

4648. ——— UNDULOSELLA.

Myelois undulosella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
——— 2nd Yark. Miss. Lep., p. 16, pl. 1, fig. 27, (1879).

Yarkand.

4649. ——— ACISALIS.

Nephopteryx (?) acisalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66, (1863).
——— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

Family SCHŒNOBIDÆ.

Genus **Eschata.**

4650. Eschata argentata.

Eschata argentata, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).

Darjiling.

4651. Eschata conspurcata.

Eschata conspurcata, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).

Darjiling.

4652. Eschata gelida.

Eschata gelida, Walker, Cat. Lep. Het. B. M. ix, p. 133, (1856).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 666.

Sylhet, Sikkim.

Genus **Apurima.**

4653. Apurima costalis.

Apurima costalis, Moore, Lep. Ceyl. iii, p. 388, pl. 184, fig. 15, (1886).

Ceylon.

4654. Apurima xanthogastrella.

Apurima xanthogastrella, Walker, Cat. Lep. Het. B. M. xxvii, p. 194, (1863).
——— Moore, Proc. Zool. Soc. Lond., 1867, p. 666.
——— Butler, Proc. Zool. Soc. Lond., 1886, p. 394.
——— Moore, Lep. Ceyl. iii, p. 388, pl. 184, fig. 14, (1886).
Rupela (?) degenerella, Walker, *loc. cit.* xxviii, p. 524, (1863).
Scirpophaga degenerella, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.
Lithosia (?) cramboides, Walker, *loc. cit.* xxxi, p. 230, (1864).

Collection Swinhoe, Umballa, Karachi, Hydrabad, Sind.
Also recorded from China.

Genus **Scirpophaga.**

4655. SCIRPOPHAGA AURIFLUA.

Scirpophaga auriflua, Zeller, Monogr. Chilo et Cramb., p. 2, (1863).*
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 968, (1865).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 666.
——————— Lep. Ceyl. iii, p. 387, (1886).

Calcutta, Ceylon.

4656. SCIRPOPHAGA GILVIBERBIS.

Scirpophaga gilviberbis, Zeller, Monogr. Chilo et Cramb., p. 2, (1863).*
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 968, (1864).
——————— Moore, Proc. Zool. Soc. Lond., 1867, p. 666.

Calcutta.

Genus **Brihaspa.**

4657. BRIHASPA ATROSTIGMELLA.

Brihaspa atrostigmella, Moore, Proc. Zool. Soc. Lond. 1867, p. 666, pl. 33, fig. 13, ♂.
——————— Felder & R. Reise, Novara, pl. 98, fig. 19, (1868).

Collection Swinhoe, Darjiling, Rangoon.

Genus **Cirrhochrista.**

4658. CIRRHOCHRISTA ACCIUSALIS.

Margaronia acciusalis, Walker, Cat. Lep. Het. B. M. xix, p. 977, (1859).
Ramila acciusalis, Moore, Lep. Ceyl. iii, p. 389, pl. 184, fig. 5, (1886).
Cirrhochrista acciusalis, Moore, Descr. Ind. Lep. Atk., p. 227, ♀, (1887).

Ceylon, India.

4659. CIRRHOCHRISTA BRIZOALIS.

Margaronia brizoalis, Walker, Cat. Lep. Het. B. M. xix, p. 976, (1859).
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.
Cirrhochrista brizoalis, Moore, Descr. Ind. Lep. Atk., p. 226, pl. 7, fig. 10, ♀, (1887).

Collection Swinhoe, Poona, Bombay, Nilgiri Hills.
Also recorded from China and Australia.

Genus **Ramila.**

4660. RAMILA MARGINELLA.

Ramila marginella, Moore, Proc. Zool. Soc. Lond., 1867, p. 667, pl. 33, fig. 16.

Collection Swinhoe, Sikkim.

Genus **Schœnobius.**

4661. SCHŒNOBIUS BIPUNCTIFERA.

Tipanœa bipunctifera, Walker, Cat. Lep. Het. B. M. xxviii, p. 523, (1863).

SCHŒNOBIUS BIPUNCTIFERA—*contd.*

Schœnobius bipunctifera, Moore, Lep. Ceyl. iii, p. 385, pl. 184, fig. 13, (1886).
Chilo gratiosellus, Walker, *loc. cit.* xxx, p. 967, (1864).
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878.
Schœnobius punctellus, Zeller, Monog. Chilo et Cramb., p. 4, (1863).*
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Collection Swinhoe, Bombay, Poona.
Also recorded from Calcutta, Ceylon, China, Java.

4662. SCHŒNOBIUS BISIGNATUS.

Schœnobius bisignatus, Zeller, MSS.
———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona, Karachi.

4663. SCHŒNOBIUS BRUNNESCENS.

Schœnobius brunnescens, Moore, Descr. Ind. Lep. Atk., p. 225, (1887).

Calcutta.

Genus **Urola.**

4664. UROLA INCLARALIS.

Crambus inclaralis, Walker, Cat. Lep. Het. B. M. xxvii, p. 166, (1863).
Urola inclaralis, Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 462.

Collection Swinhoe, Mhow.
Also recorded from China.

Genus **Patissa.**

4665. PATISSA CANDIDULALIS.

Metasia candidulalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 880, pl. 57, fig. 6.

Collection Swinhoe, Poona.
Allied to *P. lactealis*, Felder.

4666. PATISSA LACTEALIS.

Metasia (?) lactealis, Felder & R. Reise, Novara, pl. 137, fig. 38, ♂, (1874).
Patissa lactealis, Moore, Lep. Ceyl. iii, p. 389, pl. 184, fig. 11, (1886).

Ceylon.

Genus **Acara.**

4667. ACARA MOROSELLA.

Acara morosella, Walker, Cat. Lep. Het. B. M. xxvii, p. 199, (1863).
———— Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Sylhet.

Family CRAMBIDÆ.

Genus Chilo.

4668. Chilo bivitellus.

Chilo bivitellus, Moore, Proc. Zool. Soc. Lond. 1872, p. 581, pl. 34, fig. 8.

Collection Swinhoe, Nilgiri Hills.
Also recorded from Bombay.

4669. Chilo cervinellus.

Chilo cervinellus, Moore, Proc. Zool. Soc. Lond., 1872, p. 581, pl. 34, fig. 7.
——————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878.

Collection Swinhoe, Nilgiri Hills, Matheran, Satara, Poona.

4670. Chilo desistalis.

Crambus desistalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 165, (1863).
Chilo desistalis, Moore, Lep. Ceyl. iii, p. 384, pl. 184, fig. 10, (1886).

Collection Swinhoe, Ceylon.

4671. Chilo dodatellus.

Chilo dodatellus, Walker, Cat. Lep. Het. B. M. xxx, p. 966, (1864).
Chilo dodatellus Moore, Lep. Ceyl. iii, p. 384, (1886).
Chilo aditellus, Walker, *loc. cit.*, p. 967.

India, Ceylon.

4672. Chilo excerptalis.

Chilo excerptalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 142, (1863).

N. India.

4673. Chilo inconspicuellus.

Chilo inconspicuellus, Moore, Proc. Zool. Soc. Lond. 1872, p. 582, pl. 34, fig. 6.

Bombay.

4674. Chilo interruptellus.

Chilo interruptellus, Moore, Proc. Zool. Soc. Lond., 1872, p. 581, pl. 34, fig. 5.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona, Bombay.

4675. Chilo lincusalis.

Homœosoma (?) lincusalis, Walker, Cat. Lep. Het. B. M., xxvii, p. 26, (1863).
——————— Moore, Lep. Ceyl. iii, p. 358, (1886).
Chilo lincusalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878.

Collection Swinhoe, Simla, Poona.
Also recorded from Ceylon.

4676. Chilo nivellus.

Chilo nivellus, Kollar, Hüg. Kasch, iv, p. 495, (1848).
———— Walker, Cat. Lep. Het. B. M. xxvii, p. 142, (1863).

Kashmir and Mussoorie.

4677. Chilo ortellus.

Chilo ortellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 461, pl. 41, fig. 3.

Collection Swinhoe, Mhow.

4678. Chilo unicolorellus.

Chilo unicolorellus, Kollar, MSS.
———— Walker, Cat. Lep. Het. B. M., xxx, p. 966, (1864).

Himalayas.

Genus **Eromene.**

4679. Eromene bella.

Tinea bella, Hübner, Tin, fig. 60 (69 ?), (1800).*
Eromene bella, Walker, Cat. Lep. Het. B. M. xxvii, p. 179, (1863).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.
———— Proc. Zool. Soc. Lond. 1885, p. 879 ; and 1886, p. 462.

Collection Swinhoe, Chaman (Afghanistan), Karachi, Mhow, Poona.

4680. Eromene ocellea.

Eromene ocellea, Haw., Lep. Brit , p. 486, (1812).*
———— Walker, Cat. Lep. Het. B. M. xxvii, p. 179, (1863).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Campbellpore (Punjab), Europe.

4681. Eromene tripunctata.

Eromene tripunctata, Moore, Descr. Ind. Lep. Atk., p. 226, (1887).

Darjiling.

Genus **Catagela.**

4682. Catagela adjurella.

Catagela adjurella, Walker, Cat. Lep. Het. B. M. xxvii, p. 191, (1863).
———— Moore, Lep. Ceyl. iii, p. 385, (1886).

Ceylon.

4683. Catagela admotella.

Catagela (?)admotella, Walker, Cat. Lep. Het. B. M. xxvii, p. 192, (1863).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878.
———— Moore, Lep. Ceyl. iii, p. 386, (1886).
Schœnobius minutellus, Zeller, Monog, Chilo et Cramb., p. 6, (1863).
———— Walker, *loc. cit.*, xxx, p. 970, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 667.

Collection Swinhoe, Poona.
Also recorded from Ceylon, Calcutta, Java.

4684. CATAGELA (?) LEUCANIA.

Catagela (?) leucania, Felder & R. Reise, Novara, pl. 137, fig 13, ♂, (1874).
——————— Moore, Lep. Ceyl. iii, p. 557, (1887).

Ceylon.

Genus **Charltona.**

4685. CHARLTONA KALA.

Charltona kala, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879, pl. 57, fig. 4; and 1886, p. 461.

Collection Swinhoe, Mhow, Satara, North Kanara.

Genus **Culladia.**

4686. CULLADIA ADMIGRATELLA.

Araxes admigratella, Walker, Cat. Lep. Het. B. M. xxvii, p. 192, (1863).
Culladia admigratella, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

4687. CULLADIA CÆSELLA.

Araxes cæsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 193, (1863).
Culladia cæsella, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

4688. CULLADIA FAMULELLA.

Araxes famulella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1765, (1866).
Culladia famulella, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

Genus **Panalipa.**

4689. PANALIPA IMMERITALIS.

Dosara immeritalis, Walker, Cat. Lep. Het. B. M. xix, p. 830, (1859).
Panalipa immeritalis, Moore, Lep. Ceyl. iii, p. 387, (1886).
Araxes (?) decursella, Walker, *loc. cit.* xxvii, p. 194, (1863).

Ceylon.

Genus **Epichilo.**

4690. EPICHILO PARVELLUS.

Epichilo parvellus, Rag., Ann. Soc. Ent. France, 1888, p. 278.

South India.

Genus **Calamotropha.**

4691. CALAMOTROPHA ATKINSONI.

Calamotropha atkinsoni, Zeller, Monog. Chilo et Cramb., p. 9, (1863).*
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 970, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 668.

Calcutta.

Genus **Crambus**.

4692. CRAMBUS ABBREVIATELLUS.

Crambus abbreviatellus, Walker, Cat. Lep. Het. B. M. xxxv, p. 1756 (1866).

South India.

4693. CRAMBUS AURIVITTATUS.

Crambus aurivittatus, Moore, Descr. Ind. Lep. Atk., p. 226, (1887).

Darjiling.

4694. CRAMBUS CONSOCIELLUS.

Crambus consociellus, Walker, Cat. Lep. Het. B. M. xxvii, p. 159, (1863).
———————, Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Bengal.
Also recorded from North America.

4695. CRAMBUS HAPALISCUS.

Crambus hapaliscus, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl., p. 71, (1852)*.
———————, Monog. Chilo et Cramb., p. 17, (1863)*.
———————, Moore, Lep. Ceyl. iii, p. 380, pl. 184, fig. 6, (1886).
Crambus concinellus, Walker, Cat. Lep. Het. B. M. xxvii, p. 165, (1863).
———————, Meyrick, Proc. Linn. Soc. New South Wales, iii, p. 182, (1878).

Ceylon, Australia, Africa.

4696. CRAMBUS LUTEELLUS.

Crambus luteellus, Schiff, Wien, Verz., p. 134, (1776).*
——————— Walker, Cat. Lep. Het. B. M. xxvii, p. 154, (1863).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Campbellpur (Punjab), Japan, Europe.

4697. CRAMBUS MALACELLUS.

Crambus malacellus, Dup., Chilo. et Cramb. Genera. p. 17.*
——————— Zeller, Stett. Ent. Zeit. 1867, p. 390.

Cherrapunji, Europe.

4698. CRAMBUS MULTIVAGELLUS.

Crambus multivagellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 462.

Collection Swinhoe, Mhow.

4699. CRAMBUS PARALLELUS.

Crambus parallelus, Zeller, Stett. Ent. Zeit. 1867, p. 389, pl. 2, fig. 1.

Darjiling.

4700. Crambus partellus.

Crambus partellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879 ; and 1886, p. 462.

Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

4701. Crambus scitulellus.

Crambus scitulellus, Walker, Cat. Lep. Het. B. M., xxxv, p. 1755, (1866).

South India.

4702. Crambus todarius.

Crambus todarius, Butler, Proc. Zool. Soc. Lond. 1883, p. 173.

Collection Swinhoe, Nilgiri Hills.

4703. Crambus zonellus.

Crambus zonellus, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528, pl. 48, fig. 16.

Collection Swinhoe, Karachi.
Allied to *C. decolorellus*.

Genus **Tauba**.

4704. Tauba venosella.

Tauba venosella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1767, (1866).
Loryma venosella, Moore, Lep. Ceyl. iii, p. 377, (1886).

Ceylon.

Genus **Pelena**.

4705. Pelena unicolor.

Pelena unicolor, Moore, Lep. Ceyl. iii, p. 386, pl. 184, fig. 16, (1886).

Ceylon.

Genus **Libuna**.

4706. Libuna solitella.

Bulina solitella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1767, (1866).
Libuna solitella, Moore, Lep. Ceyl. iii, p. 379, (1886).

Ceylon.

Genus **Argyria**.

4707. Argyria nigrociliella.

Argyria nigrociliella, Klr., MSS.
——————— Zeller, Monog. Chilo. et Cramb., p. 52, (1863).*
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 978, (1864).

Bombay.

FAMILY ANCYLOLOMIDÆ.

Genus **Ancylolomia.**

4708. ANCYLOLOMIA ARGENTATA.

Ancylolomia argentata, Moore, Lep. Ceyl. iii, p. 382, pl. 184, fig. 3, (1886)
Ceylon.

4709. ANCYLOLOMIA BASISTRIGA.

Ancylolomia basistriga, Moore, Lep. Ceyl. iii, p. 382, pl. 184, fig. 1, (1886).
Ceylon.

4710. ANCYLOLOMIA TAPROBANENSIS.

Ancylolomia taprobanensis, Zeller, Monog. Chilo. et Cramb, p. 9, (1863).*
——————————— Horæ, Ent. Ross. (1877), p. 25, pl. 1, fig. 8.*
——————————— Walker, Cat. Lep. Het. B. M. xxx, p. 969, (1864).
——————————— Moore, Lep. Ceyl. iii, p. 381, pl. 184, figs. 2, 2*a*, (1886).
Ceylon.

Genus **Jartheza.**

4711. JARTHEZA CASSIMELLA.

Jartheza cassimella, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 461, pl. 41, figs. 4 and 6.
Collection Swinhoe, Mhow.
Allied to *J. xylinella*.

4712. JARTHEZA CHRYSOGRAPHELLA.

Chilo chrysographellus, Kollar, Hüg. Kasch. iv, p. 494, (1848).
Jartheza chrysographella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184. (1863).
——————————— Butler, Proc. Zool. Soc. Lond., 1883, p. 173; and 1886, p. 394.
——————————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879; and 1886, p. 461.
Ancyloloma chrysographella, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Collection Swinhoe, Kulu, Calcutta, Karachi, Mhow, Poona, Nilgiri Hills.
Also recorded from Ceylon, China, and Africa.

4713. JARTHEZA BIPLAGELLA.

Jartheza biplagella, Moore, Proc. Zool. Soc. Lond. 1872, p. 582, pl. 34, fig. 9.
Bombay.

4714. Jartheza indica.

Ancylolomia indica, Felder & R. Reise, Novara, pl. 137, fig. 19, ♂, (1874).

Calcutta.

4715. Jartheza obstitella.

Jartheza obstitella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880, pl. 57, fig. 3.

Collection Swinhoe, Poona.

4716. Jartheza responsella.

Jartheza responsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184, (1863).

N. India.

4717. Jartheza xylinella.

Jartheza xylinella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184, (1863).

Nepal.

Genus **Pindicitora.**

4718. Pindicitora thysbesalis.

Pindicitora thysbesalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 135, (1863).
Pindicitora (?) *zeuxoalis*, Walker, *loc. cit.*
Surattha zeuxoalis, Moore, Lep. Ceyl. iii, p. 378, (1886).

Ceylon.

Genus **Surattha.**

4719. Surattha acreonalis.

Pindicitora acreonalis, Walker, Cat. Lep. Het. B. M., xxvii, p. 136, (1863),
Surattha acreonalis, Moore, Lep. Ceyl. iii, p. 379, (1886).

Ceylon.

4720. Surattha albipennis.

Surattha albipennis, Butler, Proc. Zool. Soc. Lond. 1886, p. 383.

Collection Swinhoe, Punjab, Karachi.
Allied to *S. invectalis*.

4721. Surattha albirenella.

Calarina albirenella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1770, (1866).

South India, Java.

4722. Surattha annusalis.

Pindicitora (?) *annusalis*, Walker, Cat. Lep. Het. B. M. xxvii, p. 136, (1863).
Surattha annusalis, Moore, Lep. Ceyl. iii, p. 378, (1886).

Ceylon.

4723. Surattha invectalis.

Surattha invectalis, Walker, Cat. Lep. Het B. M. xxvii, p. 76, (1863).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879, and 1886, p. 462.
———— Moore, Lep. Ceyl. iii, p. 378, (1886).

Collection Swinhoe, Mhow, Satara, Poona.
Also recorded from Ceylon.

Genus **Mesolia**.

4724. Mesolia pandavella.

Mesolia pandavella, Rag., Ann. Soc. Ent. France, 1888, p. 282.

South India.

Family GALLERIDÆ.

Genus **Galleria**.

4725. Galleria mellonella.

Phalæna (Tinea) mellonella, Linn., Donovan viii, pl. 288.
Galleria mellonella, Walker, Cat. Lep. Het. B. M., xxvii, p. 1, (1863).
———— Horne, Trans. Ent. Soc. Lond. 1870, p. 181, pl. 22, fig. 3*c*.

Collection Swinhoe, Poona.
Also recorded from Europe.

Genus **Propachys**.

4726. Propachys fascialis.

Propachys fascialis, Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

Bengal.

4727. Propachys linealis.

Propachys linealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 665, pl. 33, fig. 17; and 1877, p. 620.

Darjiling, Andaman Islands.

4728. Propachys nigrivena.

Propachys nigrivena, Walker, Cat. Lep. Het. B. M. xxvii, p. 7, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

Collection Swinhoe, Darjiling.
Also recorded from China.

Genus **Oryba**.

4729. Oryba flaviplaga.

Oryba flaviplaga, Walker, Cat. Lep. Het. B. M. xxvii, p. 11, (1863).

Collection Swinhoe, Simla.

Genus **Toccolosida.**

4730. TOCCOLOSIDA RUBRICEPS.

Toccolosida rubriceps, Walker, Cat. Lep. Het. B. M. xxvii, p. 14, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

Sylhet.

Genus **Midea.**

4731. MIDEA RECTALIS.

Midea rectalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 21, (1863); and xxxv, p. 1701, (1866).

Punjab, Ceylon, Borneo.

Genus **Lamoria.**

4732. LAMORIA ANELLA.

Tinea anella, Schiff., Wien, Verz., p. 135, (1776).*
Galleria anella, Zink., Sommer. Germ. Mag. Ent. iv, p. 243.*
Tinea (Pyralis) sociella, Hübn., Eur. Schmett. Tin., p. 4, fig. 24.*

Kandahar, Poona, Europe, Africa.

4733. LAMORIA DEPRESSELLUS.

Melissoblaptes depressellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876, pl. 57, fig. 5.

Collection Swinhoe, Poona.

4734. LAMORIA PLANALIS.

Lamoria planalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 88, (1863).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876.
Acrobasis (?) imbella, Walker, *loc. cit.*, xxx, p. 955, (1864).
———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.
Epischnia imbella, Butler, Ann. Mag. Nat. Hist. (5), xix, p. 211, (1882).
Melissoblaptes bipunctanus, Moore (*nec* Haworth, *nec* Curtis), Lep. Ceyl. iii, p. 375, (1886).

Collection Swinhoe, Karachi, Bombay, Poona.
Also recorded from Ceylon, Allahabad, and Africa.

Genus **Rhangena.**

4735. RHANGENA ROSEIPENNIS.

Rhangena roseipennis, Moore, Lep. Ceyl. iii, p. 376, pl. 184, fig. 12, (1886).

Ceylon.

Genus **Trachylepidia.**

4736. TRACHYLEPIDIA FRUCTICASSIELLA.

Trachylepidia fructicassiella, Rag., Ann. Soc. Ent. France, 1887, p. 260.

Punjab.

Tribe TORTRICES.

Family TORTRICIDÆ.

Sub-Family TORTRICINÆ.

Genus **Teras.**

4737. Teras divisana.

Teras divisana, Walker, Cat. Lep. Het. B. M. xxviii, p. 296, (1863).
———— Moore, Lep. Ceyl. iii, p. 491, (1887).

Ceylon.

4738. Teras extensana.

Teras extensana, Walker, Cat. Lep. Het. B. M. xxviii, p. 296, (1863).
———— Moore, Lep. Ceyl. iii, p. 492, (1887).

Ceylon.

Genus **Cacoecia.**

4739. Cacoëcia micaceana.

Cacoëcia micaceana, Walker, Cat. Lep. Het. B. M. xxviii, p. 314, (1863).
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 173.
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 881.
———— Moore, Lep. Ceyl. iii, p. 492, pl. 208, fig. 1, (1887).

Collection Swinhoe, Solun, Kulu, Sikkim, Poona, Nilgiri Hills.
Also recorded from China.

4740. Cacoëcia semialbana.

Cacoecia semialbana, Guén., Ann. Soc. Ent. France, 1845, Ind. 5, (?)
———— Walker, Cat. Lep. Het. B. M. xxvii, p. 216, (1863).*
———— Staudinger & Wocke, Cat. ii, p. 236, No. 693, (1871).*

Collection Swinhoe, Solun, Sikkim.
Also recorded from Europe.

4741. Cacoëcia simulana.

Godana simulana, Walker, Cat. Lep. Het. B. M., xxxv, p. 1801, (1866).
Cacoëcia simulana, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Abbotabad (Punjab), Java.

Genus **Pandemis.**

4742. Pandemis dispilana.

Pandemis dispilana, Walker, Cat. Lep. Het. B. M. xxx, p. 983, (1864).

Bhootan.

4743. Pandemis eductana.

Pandemis eductāna, Walker, Cat. Lep. Het. B. M. xxviii, p. 310, (1863).
India.

Genus **Cnephasia.**

4744. Cnephasia flexilineana.

Sciaphila flexilineana, Walker, Cat. Lep. Het. B. M. xxviii, p. 345, (1863).
Cnephasia flexilineana, Moore, Lep. Ceyl. iii, p. 494, 1887.
Ceylon.

4745. Cnephasia (?) perfectana.

Sciaphila (?) *perfectana*, Walker, Cat. Lep. Het. B. M. xxviii, p. 347, (1863).
Nilgiri Hills.

Genus **Tortrix.**

4746. Tortrix affinisana.

Tortrix affinisana, Walker, Cat. Lep. Het. B. M. xxviii, p. 328, (1863).
———— Moore, Lep. Ceyl. iii, p. 493, (1887).
Ceylon.

4747. Tortrix coffearia.

Tortrix coffearia, Neitner, Obs. on Enemies of Coffee Tree in Ceylon, p. 24, (1861).*
———— Nietner, *loc. cit.*, new edition, p. 16, (1880).
———— Guér., Rev. et Mag. de Zool. 1864, p. 61.
———— Moore, Lep. Ceyl. iii, p. 494, (1887).
Ceylon.

4748. Tortrix detractana.

Tortrix detractana, Walker, Cat. Lep. Het. B. M. xxviii, p. 326, (1863).
———— Moore, Lep. Ceyl. iii, p. 493, (1887).
Ceylon.

4749. Tortrix fimbriana.

Tortrix fimbriana, Walker, Char. Undescr. Lep. Het., p. 101, (1869).
Benares.

4750. Tortrix invalidana.

Tortrix invalidana, Walker, Cat. Lep. Het. B. M. xxviii, p. 327, (1863).
————Moore, Lep. Ceyl. iii, p. 493, (1887).
Ceylon.

4751. Tortrix pusillana.

Tortrix pusillana, Walker, Cat. Lep. Het. B. M. xxviii, p. 328, (1863).
———— Moore, Lep. Ceyl. iii, p. 493, (1887).
Ceylon.

Genus **Dichelia.**

4752. DICHELIA PRIVATANA.

Dichelia privatana, Walker, Cat. Lep. Het. B. M. xxviii, p. 320, (1863).
India.

4753. DICHELIA RETRACTANA.

Dichelia retractana, Walker, Cat. Lep. Het. B. M. xxviii, p. 322, (1863).
——————— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 881.
——————— Moore, Lep. Ceyl. iii, p. 492, pl. 208, fig. 11, (1887).
Collection Swinhoe, Bombay.
Also recorded from Dharmsala, Ceylon, Australia.

Genus **Xanthosetia.**

4754. XANTHOSETIA INNOTANA.

Xanthosetia innotana, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Kala Pani (Punjab).

[N.B.—The position of the following Genus is doubtful.]

Genus **Topadesa.**

4755. TOPADESA SANGUINEA.

Topadesa sanguinea, Moore, Descr. Ind. Lep. Atk., p. 280, (1887).
Darjiling.

Sub-Family CONCHYLINÆ.

Genus **Conchylis.**

4756. CONCHYLIS CONJUNCTANA.

Conchylis conjunctana, Walker, Cat. Lep. Het. B. M. xxxv, p. 1788, (1866).
N. India.

4757. CONCHYLIS FLAVICOSTANA.

Conchylis flavicostana, Walker, Cat. Lep. Het. B. M. xxviii, p. 361, (1863).
India.

4758. CONCHYLIS STOLICZKANA.

Conchylis stoliczkana, Moore, Ann. Nat. Hist. (5) i, p. 237, (1878).
——————— 2nd Yark. Miss. Lep., p. 16, pl. 1, fig. 14, (1879).
Yarkand.

Sub-Family GRAPHOLITHINÆ.

Genus **Platypeplus.**

4759. PLATYPEPLUS APROBOLA.

Eccopsis aprobola, Meyr., Trans. Ent. Soc. Lond. 1886, p. 275.
Platypeplus aprobola, Moore, Lep. Ceyl. iii, p. 495, pl. 208, fig. 2, (1887).
Ceylon.

Genus **Penthina.**

4760. PENTHINA BRYANA.

Penthina bryana, Felder & R. Reise, Novara, pl. 137, fig. 54, ♀, (1874).
———— Moore, Lep. Ceyl. iii, p. 494, (1887).
Ceylon.

Genus **Pædisca.**

4761. PÆDISCA DECOLORANA.

Pædisca decolorana, Freyer, Neue Beitr. 318, 5, p. 48, (1831—48).*
———— Walker, Cat. Lep. Het. B. M. xxvii, p. 254.
———— Butler, Proc. Zool. Soc. Lond. 1883, p. 173.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.
Collection Swinhoe, Karachi.
Also recorded from Europe.

Genus **Grapholitha.**

4762. GRAPHOLITHA CONFERTANA.

Grapholitha confertana, Walker, Cat. Lep. Het. B.M. xxviii, p. 388, (1863).
———— Moore, Lep. Ceyl. iii, p. 495, (1887).
Ceylon.

4763. GRAPHOLITHA LOBIFERANA.

Grapholitha lobiferana, Moore, Descr. Ind. Lep. Atk., p. 280, (1887).
Darjiling.

4764. GRAPHOLITHA NOVARANA.

Grapholitha novarana, Felder & R. Reise, Novara, pl. 137, fig. 49, ♀, (1874).
———— Moore, Proc. Zool. Soc. Lond. 1877, p. 623.
Nicobar Islands.

4765. GRAPHOLITHA OBTUSANA.

Grapholitha obtusana, Walker, Cat. Lep. Het. B.M. xxviii, p. 388, (1863).
———— Moore, Lep. Ceyl. iii, p. 495, (1887).
Ceylon.

Genus **Carpocapsa.**

4766. CARPOCAPSA PINGUISANA.

Carpocapsa pinguisana, Walker, Cat. Lep. Het. B.M. xxviii, p. 410, (1863).
N. India.

Genus **Coptoloma.**

4767. COPTOLOMA AURANTIANA.

Hemerosia aurantiana, Pryer, Cist. Ent. ii, 235, pl. iv, fig. 12, (1875-82).
Collection Swinhoe, Karachi.
Also recorded from Shanghai.

Genus **Dichrorampha.**

4768. DICHRORAMPHA SUBSEQUANA.

Tortrix subsequana, Hawarth, Lep. Brit. 448, (1812).*
Dichrorampha subsequana, Walker, Cat. Lep. Het. B.M.' xxvii, p. 281, (1863),
———— Staudinger & Wocke, Cat. ii, p. 264, No. 1284, (1871).*
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
Collection Swinhoe, Mhow, Bombay, Poona.
Also recorded from Europe.

Sub-Family CERACIINÆ.

Genus **Cerace.**

4769. CERACE GUTTANA.

Cerace guttana, Felder & R. Reise, Novara, pl. 139, fig. 51, ♀, (1875).
Sylhet.

4770. CERACE ONUSTANA.

Cerace onustana, Walker, Cat. Lep. Het. B. M. xxviii, p. 423, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 668.
Nepal, Sylhet, Sikkim.

4771. CERACE STIPATANA.

Cerace stipatana, Walker, Cat. Lep. Het. B. M. xxviii, p. 422, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 668.
Collection Swinhoe, Darjiling.
Also recorded from China.

4772. CERACE PERDICINA.

Cerace perdicina, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).
Darjiling.

4773. CERACE TETRAONIS.

Cerace tetraonis, Butler, Proc. Zool. Soc. Lond. 1886, p. 394.
Murree.
Allied to *C. onustana*.

Genus **Homona**.

4774. HOMONA FASCICULANA.

Homona fasciculana, Walker, Cat. Lep. Het. B. M. xxviii, p. 124, (1863).
——————— Moore, Lep. Ceyl. iii, p. 496, (1887).

Ceylon.

FAMILY SIMÆTHIDÆ.

Sub-Family SIMÆTHINÆ.

Genus **Simæthis**.

4775. SIMÆTHIS BUTHUSALIS.

Simæthis buthusalis, Walker, Cat. Lep. Het. B. M. xxviii, p. 454, (1863).
——————— Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

4776. SIMÆTHIS ELATELLA.

Simæthis elatella, Walker, Cat. Lep. Het. B. M. xxviii, p. 455, (1863).
——————— Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

4777. SIMÆTHIS NOVARÆ.

Choreutes novaræ, Felder & R. Reise, Novara, pl. 138, fig. 14, (1875).
——————— Moore, Proc. Zool. Soc. Lond., 1877, p. 623.

Nicobar Islands.

4778. SIMÆTHIS TAPROBANES.

Simæthis taprobanes, Zeller, Hor. Ent. Ross. xiii, p. 178, (1878).*
——————— Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

[*N.B.*—The position of the following genus is doubtful.]

Genus **Tortricomorpha**.

4779. TORTRICOMORPHA FLAVICEPS.

Tortricomorpha flaviceps, Felder & R. Reise, Novara, pl. 108, fig. 4, (1872).

Himalayas.

Sub-Family ATYCHINÆ.

Genus **Phycodes.**

4780. PHYCODES HIRUDINICORNIS.

Phycodes hirudinicornis, Guén., Noct. ii, 389, 1249, (1857).*
———————— Walker, Cat. Lep. Het. B. M. xii, p. 979, (1857).
———————— Walsingham, Proc. Zool. Soc. Lond., 1885, p. 881.
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 63; and 1881, p. 377.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
———————— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Tegna hyblæella, Walker, *loc. cit.* xxxv. p. 1810, (1866).
———————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 413, pl. 15, fig. 10.
———————— Butler, Proc. Zool. Soc. Lond. 1883, p. 174; and 1886, p. 394.
Collection Swinhoe, Punjab, Kulu, Mhow, Poona.

4781. PHYCODES MACULATA.

Phycodes maculata, Moore, Proc. Zool. Soc. Lond. 1881, p 378.
———————— Descr. Ind. Lep. Atk. ii, p. 152, (1882).
Darjiling, Punjab.

4782. PHYCODES MINOR.

Phycodes minor, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.
———————— Descr. Ind. Lep. Atk. ii, p. 152, (1882).
———————— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Collection Swinhoe, Kulu.

4783. PHYCODES TORTRICINA.

Phycodes tortricina, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.
Kanara.

FAMILY TINEIDÆ.

Sub-Family LIPUSINÆ.

Genus **Microcossus.**

4784. MICROCOSSUS MACKWOODII.

Microcossus mackwoodii, Moore, Lep. Ceyl. iii, p. 498, pl. 208, fig. 9, (1887).
Collection Swinhoe, Ceylon.

Sub-Family TINEINÆ.

Genus **Hapsifera.**

4785. HAPSIFERA DEVIELLA.

Drosica (?) deviella, Walker, Cat. Lep. Het. B. M. xxviii, p. 520, (1863).
Hapsifera deviella, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.
———————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 465.
Collection Swinhoe, Mhow, Poona.

4786. Hapsifera eburnea.

Hapsifera eburnea, Butler, Proc. Zool. Soc. Lond. 1881, p. 623.
Collection Swinhoe, Karachi, Punjab.

4787. Hapsifera seclusella.

Cimitra seclusella, Walker, Cat. Lep. Het. B. M. xxix, p. 780, ♀, (1864).
Hapsifera seclusella, Moore, Lep. Ceyl. iii, p. 499, pl. 208, figs. 12 and 13, ♀, (1887).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 338.
Ceylon, Punjab.

Genus **Euplocamus.**

4788. Euplocamus strigosa.

Euplocamus strigosa, Moore, Descr. Ind. Lep. Atk., p. 281, (1887).
Darjiling.

Genus **Blabophanes.**

4789. Blabophanes insularis.

Blabophanes insularis, Felder & R. Reise, Novara, pl. 140, fig. 21, , (1875).
——————— Moore, Proc. Zool. Soc. Lond., 1877, p. 623.
Nicobar and Andaman Islands.

4790. Blabophanes longella.

Tinea longella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
Blabophanes longella, Moore, Lep. Ceyl. iii, p. 503, pl. 209, fig. 1, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus **Machæropteris.**

4791. Machæropteris receptella.

Tinea receptella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
Machæropteris receptella, Moore, Lep. Ceyl. iii, p. 502, pl. 208, fig. 14, (1887).
Ceylon.

Genus **Tinea.**

4792. Tinea amandatella.

Tinea amandatella, Walker, Cat. Lep. Het. B. M. xxviii, p. 480, (1863).
——————— Moore, Lep. Ceyl. iii, p. 501, (1887).
Ceylon.

4793. Tinea arenatella.

Tinea arenatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1005, (1864).
——————— Moore, Lep. Ceyl. iii, p. 502, (1887).
Ceylon.

4794. Tinea egenella.

Tinea (?) egenella, Walker, Cat. Lep. Het. B. M. xxx, p. 1005, (1864).
———— Moore, Lep. Ceyl. iii, p. 502, (1887).

Ceylon.

4795. Tinea fissella.

Tinea fissella, Walker, Cat. Lep. Het. B. M. xxviii, p. 480, (1863).
———— Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4796. Tinea glabrella.

Tinea glabrella, Walker, Cat. Lep. Het. B. M. xxviii, p. 478, (1863).
———— Butler, Proc. Zool. Soc. Lond., 1881, p. 623.
———— Moore, Lep. Ceyl. iii, p. 500, (1887).

Collection Swinhoe, Jhuda and Hydrabad in Sind.
Also recorded from Ceylon.

4797. Tinea impressella.

Tinea impressella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
———— Moore, Lep. Ceyl. iii, p. 500, (1887).

Ceylon.

4798. Tinea longicornis.

Tinea longicornis, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 113, (1859).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 1004, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Calcutta.

4799. Tinea parvulella.

Tinea parvulella, Walker, Cat. Lep. Het. B.M. xxviii, p. 481, (1863).
———— Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4800. Tinea pellionella.

Phalæna (Tinea) pellionella, Linn., Syst. Nat., 12th ed., p. 888, (1767).
Tinea pellionella, Fabr. Ent. Syst., 659, (1775).
———— Stephens, Ill. Haust. iv, 345, (1834).*
———— Zeller, Isis, 708, (1838).*
———— Stainton, Ins. Brit. Tineina, p. 33, (1854).*
———— Walker, Cat. Lep. Het. B.M. xxviii, p. 468, (1863).
———— Staudinger & Wocke, Cat. ii, p. 270, No. 1405, (1871).*
———— Moore, Lep. Ceyl. iii, p. 500, (1887).

Ceylon, Europe.

4801. Tinea sacerdos.

Tinea sacerdos, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.

Collection Swinhoe, Bombay.

4802. Tinea spernatella.

Tinea spernatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1044, (1864).
Tinea inconcisella, Walker, *loc. cit.* xxx, p. 1004, (1864). *Nom. preoc.*
——————— Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4803. Tinea subochraceella.

Tinea subochraceella, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 464, pl. 41, fig. 9.

Collection Swinhoe, Mhow.

4804. Tinea tapetzella.

Phalæna (Tinea) tapetiella, Linn., Syst. Nat. x, 536, (1758).*
——————— *loc. cit.* xii, 888, (1767).
——————— Clerck, Icones, pl. xi, fig. 12, (1759).
Tinea tapetzella, Müller, Faun. Ins. Frid., p. 56, (1764).*
——————— Stephens, Ill. Haust. iv, p. 343, (1835).*
——————— Stainton, Ins. Brit. Tineina, p. 28, (1854).*
——————— Walker, Cat. Lep. Het. B.M. xxviii, p. 466, (1863).
——————— Standinger & Wocke, Cat. ii, p. 269, No. 1374, (1871).*
——————— Moore, Lep. Ceyl. iii, p. 499, (1887).

Ceylon, Europe, America, Madeira, New Zealand, Australia.

Genus **Setomorpha.**

4805. Setomorpha tineoides.

Setomorpha tineoides, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 465, pl. 44, fig. 8.

Collection Swinhoe, Mhow.

Genus **Eriocottis.**

4806. Eriocottis fuscanella.

Eriocottis fuscanella, Zeller, Isis, p. 813, (1847).*
——————— Walker, Cat. Lep. Het. B. M. xxviii, p. 486, (1863).
——————— Butler, Proc. Zool. Soc. Lond. 1881, p. 624.

Karachi.

[*N.B.*—The position of the following Genera is doubtful.]

Genus **Alavona.**

4807. Alavona barbarella.

Alavona barbarella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
——————— Butler, Ann. Mag. Nat. Hist. (5) v, p. 226, (1880).
——————— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
——————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 338.

Collection Swinhoe, Mhow, Poona.
Also recorded from the Punjab.

4808. Alavona cossinella.

Alavona cossinella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1817, (1866).
South India.

4809. Alavona cossusella.

Alavona cossusella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863); and xxxv, p. 1816, (1866).
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
Collection Swinhoe, Mhow, Poona, Karachi.

4810. Alavona indecorella.

Alavona indecorella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863).
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 464.
Collection Swinhoe, Mhow.

4811. Alavona intermediella.

Alavona intermediella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1817, (1866).
N. India.

4812. Alavona minor.

Alavona minor, Walsingham, Proc. Zool. Soc Lond. 1886, p. 464, pl. 41, figs. 10, 11.
Collection Swinhoe, Mhow.

4813. Alavona taprobana.

Alavona taprobana, Moore, Lep. Ceyl. iii, p. 503, pl. 208, figs. 7, 8, ♂, ♀, (1887).
Ceylon.

4814. Alavona thwaitesii.

Alavona thwaitesii, Moore, Lep. Ceyl. iii, p. 503, pl. 208, figs. 3, 4, ♂, ♀, (1878).
Ceylon.

Genus **Cervaria.**

4815. Cervaria xylinella.

Cervaria xylinella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1823, (1866).
India.

Genus **Porsica.**

4816. Porsica ingens.

Porsica ingens, Walker, Cat. Lep. Het. B. M. xxxv, p. 1823, (1866).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
———— Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 21, pl. 104, fig. 9, (1886).
Collection Swinhoe, Darjiling.

Genus **Toxaliba.**

4817. TOXALIBA REDUCTELLA.

Toxaliba reductella, Walker, Cat. Lep. Het. B. M. xxviii, p. 516, (1863).

Nepal.

4818. TOXALIBA UMBRIPENNIS.

Toxaliba umbripennis, Moore, Descr. Lep. Ind. Atk., p. 281, (1887).

Darjiling.

Genus **Torna.**

4819. TORNA INVARIELLA.

Torna invariella, Walker, Cat. Lep. Het. B. M. xxviii, p. 517, (1863).

N. India.

Genus **Casmara.**

4820. CASMARA INFAUSTELLA.

Casmara infaustella, Walker, Cat. Lep. Het. B. M. xxviii, p. 518, (1863).

N. India.

Genus **Gargetta.**

4821. GARGETTA COSTIGERA.

Gargetta costigera, Walker, Cat. Lep. Het. B. M. xxxii, p. 455, (1865).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
———— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 11, pl. 103, fig. 6, (1886).

Collection Swinhoe, Darjiling.

Sub-Family MICROPTERYGINÆ.

Genus **Micropteryx.**

4822. MICROPTERYX ACUTIPENNIS.

Micropteryx (?) acutipennis, Walker, Cat. Lep. Het. B. M. xxviii, p. 495, (1863).

South India.

4823. MICROPTERYX UNICELLA.

Micropteryx (?) unicella, Walker, Cat. Lep. Het. B. M. xxviii, p. 496, (1863).

N. India.

Sub-Family ADELINÆ.

Genus **Adela.**

4824. ADELA ATKINSONII.

Adela atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
Darjiling.

4825. ADELA CRŒSELLA.

Tinea crœsella, Scopoli, Ent. Carn. No. 648, (1763).*
———— Staudinger & Wocke, ii, p. 274, No. 1495, (1871).*
Tinea sulzella, Schiff, Wien. Verz., p. 143, (1776).*
Adela sulzella, Walker, Cat. Lep. Het. B. M. xxviii, p. 499, (1863).
———— Moore, 2nd Yark. Miss. Lep., p. 16, (1879).
Kashmir.

4826. ADELA GEMMELLA.

Adela gemmella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 81, pl. 11, fig 8.
Dharmsala.

4827. ADELA GRISEELLA.

Adela griseella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 82, pl. 11, figs. 9, 9 *a*.
Dharmsala.

4828. ADELA LATIFASCIELLA.

Adela latifasciella, Warren, Proc. Zool. Soc. Lond. 1888, p. 338.
Thundiani (Punjab).

Genus **Nemotois.**

4829. NEMOTOIS INDICA.

Nemotois indica, Walker, Cat. Lep. Het. B. M. xxviii, p. 504, (1863).
South India.

Sub-Family HYPONOMEUTINÆ.

Genus **Hyponomeuta.**

4830. HYPONOMEUTA ALIENELLUS.

Hyponomeuta alienellus, Walker, Cat. Lep. Het. B. M. xxviii, p. 532, (1863).
————————, Moore, Lep. Ceyl. iii, p. 504, (1887).
Ceylon.

4831. HYPONOMEUTA BRUNNESCENS.

Hyponomeuta brunnescens, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
Darjiling.

4832. Hyponomeuta lapidella.

Hyponomeuta lapidella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 86, pl. 12, fig. 1.

Dharmsala.

4833. Hyponomeuta lineatonotella.

Hyponomeuta lineatonotella, Moore, Proc. Zool. Soc. Lond. 1867, p. 669, pl. 33, fig. 18.

Collection Swinhoe, Sikkim.

4834. Hyponomeuta malinellus.

Hyponomeuta malinellus, Zeller, Isis, 1844, p. 220.*
——————— Walker, Cat. Lep. Het. B.M. xxviii, p. 529, (1863).
——————— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Collection Swinhoe, Poona.
Also recorded from Europe.

4835. Hyponomeuta millepunctatellus.

Hyponomeuta millepunctatellus, Warren, Proc. Zool. Soc. Lond. 1888, p. 338.

Kala Pani, Punjab.

4836. Hyponomeuta minuellus.

Hyponomeuta minuellus, Walker, Cat. Lep. Het. B. M. xxviii, p. 533, (1863).

Nepal, China.

Genus **Prays.**

4837. Prays plagiferella.

Prays (?) plagiferella, Walker, Cat. Lep. Het. B. M. xxviii, p. 540, (1863).
——————— Moore, Lep. Ceyl. iii, p. 505, (1887).

Ceylon.

Family PLUTELLIDÆ.

Sub-Family PLUTELLINÆ.

Genus **Cerostoma.**

4838. Cerostoma albofasciella.

Cerostoma albofasciella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 114, (1858-61).
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 1018, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Calcutta.

4839. CEROSTOMA RUGOSELLA.

Cerostoma rugosella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 113, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1017, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Collection Swinhoe, Bombay, Poona.
Also recorded from Calcutta.

Sub-Family GELECHINÆ.

Genus **Macrernis.**

4840. MACRERNIS HELIAPTA.

Macrernis heliapta, Meyrick, Trans. Ent. Soc. Lond. 1887, p. 275.

Ceylon.

Genus **Anarsia.**

4841. ANARSIA CANDIDA.

Anarsia candida, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 114, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 662, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4842. ANARSIA MONETELLA.

Anarsia (?) monetella, Felder & R. Reise, Novara, pl. 139, fig. 19, ♂, (1875).
———— Moore, Lep. Ceyl. iii, p. 516, (1887).

Ceylon.

Genus **Chelaria.**

4843. CHELARIA INDICA.

Chelaria indica, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.

Collection Swinhoe, Bombay.

Genus **Parasia.**

4844. PARASIA APICIPUNCTELLA.

Parasia (?) apicipunctella, Stainton, Trans. Ent Soc. Lond. v, new ser., p. 119, (1858-61).
———— Walker, Cat. Lep. Het. B. M, xxx, p. 1028, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

Genus **Gelechia.**

4845. Gelechia affixella.

Gelechia affixella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
——————— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4846. Gelechia agnatella.

Gelechia agnatella, Walker, Cat. Lep. Het. B. M. xxix, p. 633, (1864).
——————— Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4847. Gelechia albatella.

Gelechia albatella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
——————— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4848. Gelechia alienella.

Gelechia alienella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
——————— Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4849. Gelechia alternella.

Gelechia alternella, Walker, Cat. Lep. Het. B. M. xxx, p. 1023, (1864).
——————— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4850. Gelechia amicella.

Gelechia amicella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
——————— Moore, Lep. Ceyl. iii, p 511, (1887).

Ceylon.

4851. Gelechia angustella.

Gelechia angustella, Walker, Cat. Lep. Het. B. M. xxix, p. 637, (1864).
——————— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4852. Gelechia animosella.

Gelechia animosella, Walker, Cat. Lep. Het. B. M. xxx, p. 1022, (1864).
——————— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4853. Gelechia aptatella.

Gelechia aptatella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
——————— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4854. Gelechia arctella.

Gelechia arctella, Walker, Cat. Lep. Het. B. M. xxix, p. 635, (1864).
———————— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4855. Gelechia cornutella.

Gelechia cornutella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
———————— Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4856. Gelechia deductella.

Gelechia deductella, Walker, Cat. Lep. Het. B. M. xxix, p. 631, (1864).
———————— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4857. Gelechia eucerella.

Gelechia eucerella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
———————— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4858. Gelechia hibisci.

Gelechia (?) *hibisci*, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 117, (1858-61).
———————— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
———————— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4859. Gelechia immeritella.

Gelechia immeritella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
———————— Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4860. Gelechia marginipunctella.

Gelechia marginipunctella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 118, (1858-61).
———————— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).

Calcutta.

4861. Gelechia negatella.

Gelechia negatella, Walker, Cat. Lep. Het. B. M. xxix, p. 631, (1864).
———————— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4862. Gelechia obligatella.

Gelechia obligatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1023, (1864).
———————— Moore, Lep. Ceyl. iii, p. 508, (1887).

Ceylon.

4863. Gelechia patulella.

Gelechia patulella, Walker, Cat. Lep. Het. B. M. xxix, p. 635, (1864).
———— Moore, Lep. Ceyl. iii, p. 510, (1887).
Ceylon.

4864. Gelechia pubescentella.

Gelechia (?) pubescentella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 117, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.
Calcutta.

4865. Gelechia sepositella.

Gelechia sepositella, Walker, Cat. Lep. Het. B. M. xxix, p. 630, (1864).
———— Moore, Lep. Ceyl. iii, p. 513, (1887).
Ceylon.

4866. Gelechia signifera.

Gelechia signifera, Felder & R. Reise, Novara, pl. 139, fig. 23, ♀, (1875).
———— Moore, Lep. Ceyl. iii, p. 508, (1887).
Ceylon.

4867. Gelechia simpliciella.

Gelechia simpliciella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 118, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.
Calcutta.

4868. Gelechia strenuela.

Gelechia strenuella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
———— Moore, Lep. Ceyl. iii, p. 512, (1887).
Ceylon.

4869. Gelechia tetraspilella.

Gelechia tetraspilella, Walker, Cat. Lep. Het. B. M. xxix, p. 633, (1864).
———— Moore, Lep. Ceyl. iii, p. 512, (1887).
Phœosaces tetraspilella, Meyrick, Trans. Ent. Soc. Lond. 1887, p. 275.
Ceylon.

4870. Gelechia transactella.

Gelechia transactella, Walker, Cat. Lep. Het. B. M. xxix, p. 630, (1864).
South India.

4871. Gelechia umbripennis.

Gelechia umbripennis, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.
Collection Swinhoe, Poona, Bombay.

Genus **Ypsolophus.**

4872. YPSOLOPHUS ROBUSTUS.

Ypsolophus robustus, Butler, Proc. Zool. Soc. Lond. 1883, p. 174.
Collection Swinhoe, Karachi, Hubb.

Genus **Strobisia.**

4873. STROBISIA AURANTIACA.

Strobisia aurantiaca, Walsingham, in Moore's Lep. Ceyl. iii, p. 518, pl. 209, fig. 6, (1887).

Ceylon.

Genus **Meridarchis.**

4874. MERIDARCHIS TRAPEZIELLA.

Meridarchis trapeziella, Zeller, Stett. Ent. Zeit. 1867, p. 408, pl. 2, fig. 5.
Collection Swinhoe, Darjiling.

Genus **Hermogenes.**

4875. HERMOGENES ALIFERELLA.

Hermogenes aliferella, Zeller, Stett. Ent. Zeit. 1867, p. 410.
East Indies.

[*N.B.*—The position of the following genera is doubtful.]

Genus **Tipha.**

4876. TIPHA IRRORELLA.

Tipha irrorella, Walsingham, in Moore's Lep. Ceyl. iii, p. 517, pl. 209, fig. 9, ♂, (1887).

Ceylon.

4877. TIPHA TINCTELLA.

Tipha tinctella, Walshingham, in Moore's Lep. Ceyl. iii, p. 517, pl. 209, fig. 11, (1887).

Ceylon.

Genus **Binsitta.**

4878. BINSITTA NIVIFERANA.

Binsitta niviferana, Walker, Cat. Lep. Het. B. M. xxix, p. 832, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 670; and 1877, p. 623.
——————— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.
Collection Swinhoe, Solun, Calcutta, Bombay.
Also recorded from the Andaman Islands.

Genus **Ippa.**

4879. IPPA VACIVELLA.

Ippa vacivella, Walker, Cat. Lep. Het. B. M. xxix, p. 781, (1864).

N. India.

Genus **Gerontha.**

4880. GERONTHA CAPTIOSELLA.

Gerontha captiosella, Walker, Cat. Lep. Het. B. M. xxix, p. 782, (1864).
——————— Moore, Lep. Ceyl. iii, p. 521, (1887).

Ceylon.

Genus **Davendra.**

4881. DAVENDRA FLAVIBASA.

Davendra flavibasa, Moore, Descr. Ind. Lep. Atk., p. 281, (1887).

Darjiling.

4882. DAVENDRA MACKWOODII.

Davendra mackwoodii, Moore, Lep. Ceyl. iii, p. 520, pl. 211, fig. 13, ♀, (1887).

Ceylon.

Genus **Timyra.**

4883. TIMYRA CINGALENSIS.

Timyra cingalensis, Walsingham, in Moore's Lep. Ceyl. iii, p. 522, pl. 209, fig. 12, (1887).

Ceylon.

4884. TIMYRA PHYCISELLA.

Timyra phycisella, Walker, Cat. Lep. Het. B. M. xxix, p. 783, ♂, (1864).
——————— Moore, Lep. Ceyl. iii, p. 522, (1887).
Uipsa perionella, Walker, *loc. cit.* xxix, p. 828, ♀, (1864).

Ceylon.

Genus **Onebala.**

4885. ONEBALA BLANDIELLA.

Onebala blandiella, Walker, Cat. Lep. Het. B. M. xxix, p. 792, (1864).
——————— Moore, Lep. Ceyl. iii, p. 514, (1887).

Ceylon.

Genus **Gaphara.**

4886. GAPHARA RECITATELLA.

Gaphara recitatella, Walker, Cat. Lep. Het. B. M. xxix, p. 794, (1864).
——————— Moore, Lep. Ceyl. iii, p. 515, (1887).

Ceylon.

Genus **Ficulea.**

4887. FICULEA BLANDULELLA.

Ficulea blandulella, Walker, Cat. Lep. Het. B. M. xxix, p. 795, (1864).
———— Moore, Lep. Ceyl. iii, p. 515, (1887).
Ceylon.

Genus **Frisilia.**

4888. FRISILIA NESCIATELLA.

Frisilia nesciatella, Walker, Cat. Lep. Het. B. M. xxix, p. 796, (1864).
———— Moore, Lep. Ceyl. iii, p. 516, (1887).
Ceylon.

Genus **Decuaria.**

4889. DECUARIA MENDICELLA.

Decuaria mendicella, Walker, Cat. Lep. Het. B. M. xxix, p. 797, (1864).
———— Moore, Lep. Ceyl. iii, p. 518, (1887).
Ceylon.

Genus **Gæsa.**

4890. GÆSA DECUSELLA.

Gæsa decusella, Walker, Cat. Lep. Het. B. M. xxix, p. 804, (1864).
———— Moore, Lep. Ceyl. iii, p. 518, (1887).
Ceylon.

Genus **Tipasa.**

4891. TIPASA BASALIELLA.

Tipasa basaliella, Walker, Cat. Lep. Het. B. M. xxix, p. 865, (1864).
———— Moore, Lep. Ceyl. iii, p. 523, (1887).
Ceylon.

Genus **Gasmara.**

4892. GASMARA CŒLATELLA.

Gasmara cœlatella, Walker, Cat. Lep. Het. B. M., xxx, p. 1040, (1864).
———— Moore, Lep. Ceyl. iii, p. 523, (1887).
Ceylon.

Genus **Gargela.**

4893. GARGELA SUBPURELLA.

Gargela subpurella, Walker, Cat. Lep. Het. B. M. xxix, p. 815, (1864).
———— Moore, Lep. Ceyl. iii, p. 523, (1887).
Ceylon.

Genus **Thisizima.**

4894. THISIZIMA CERATELLA.

Thisizima ceratella, Walker, Cat. Lep. Het. B.M. xxix, p. 820, (1864).
India.

Genus **Cyme.**

4895. CYME ORBICULARIS.

Cyme (?) orbicularis, Felder & R. Reise, Novara, pl. 140, fig. 27, ♀, (1875).
Syme orbicularis, Moore, Proc. Zool. Soc. Lond. 1877, p. 623.

Nicobar and Andaman Islands.

Genus **Sagora.**

4896. SAGORA RUTILELLA.

Sagora rutilella, Walker, Char. Undescr. Lep. Het., p. 101, (1869).
———— Moore, Journ. As. Soc. Beng., vol. 53, pt. 2, No. 3, p. 237, (1884).

Benares.

Genus **Nosymna.**

4897. NOSYMNA REPLETELLA.

Nosymna repletella, Walker, Cat. Lep. Het. B.M. xxix, p. 831, (1864).
———— Moore, Journ. As. Soc. Beng., vol. 53, pt. 2, No. 3, p. 237, (1884).

Nemotha (Cachar), Borneo.

Sub-Family DEPRESSARIINÆ.

Genus **Depressaria.**

4898. DEPRESSARIA ANGUSTA.

Depressaria angusta, Walsingham, in Moore's Lep. Ceyl. iii, p. 508, pl. 209, fig. 5, (1887).

Ceylon.

4899. DEPRESSARIA CONTINCTELLA.

Depressaria continctella, Walker, Cat. Lep. Het. B.M. xxix, p. 565, (1863).

India.

4900. DEPRESSARIA GOSSYPIELLA.

Depressaria gossypiella, Saunders, Trans. Ent. Soc. (1) iii, p. 285, (1842).

Collection Swinhoe, Cawnpore (?)
Also recorded from Broach, where it has proved destructive to cotton.

4901. DEPRESSARIA RICINI.

Depressaria ricini, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 115, (1858-61).
———— Walker, Cat. Lep. Het. B.M. xxix, p. 564, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4902. Depressaria ricinella.

Depressaria ricinella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 116, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 565, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4903. Depressaria stygmella.

Depressaria stygmella, Moore, Ann. Nat. Hist. (5) i, p. 237, (1878).
———— 2nd Yark. Miss. Lep., p. 17, (1879).

Kashgar.

4904. Depressaria swinhoei.

Depressaria swinhoei, Butler, Proc. Zool. Soc. Lond. 1883, p. 174.
———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.
———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 465.

Collection Swinhoe, Mhow, Poona.

4905. Depressaria zizyphi.

Depressaria zizyphi, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 115, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxix, p. 564, (1863).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

Sub-Family CRYPTOLECHIINÆ.

Genus **Cryptolechia.**

4906. Cryptolechia diluticornis.

Cryptolechia diluticornis, Walsingham, in Moore's Lep. Ceyl. iii, p. 519, pl. 209, fig. 7, (1887).

Ceylon.

4907. Cryptolechia intermedia.

Cryptolechia intermedia, Felder & R. Reise, Novara, pl. 139, fig. 13, ♂, (1875).
———— Moore, Lep. Ceyl. iii, p. 519, (1887).

Ceylon.

4908. Cryptolechia palpalis.

Cryptolechia palpalis, Zeller, Hor. Ent. Ross. xiii, p. 275, (1877).*

Bengal.

4909. Cryptolechia spilotella.

Cryptolechia spilotella, Walker, Cat. Lep. Het. B. M. xxix, p. 746, (1864).
———— Moore, Lep. Ceyl. iii, p. 519, (1887).

Ceylon.

4910. Cryptolechia tripustulata.

Cryptolechia tripustulata, Walsingham, in Moore's Lep. Ceyl. iii, p. 520, pl. 209, fig. 8, (1887).

Ceylon.

Sub-Family ŒCOPHORINÆ.

Genus **Psecadia**.

4911. Psecadia ermineella.

Psecadia ermineella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 90, pl. 12, fig. 7.

Dharmsala.

4912. Psecadia hockingella.

Psecadia hockingella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 90, pl. 12, figs. 8, 9, 9*a*.

Collection Swinhoe, Dharmsala, Kulu.

Genus **Œcophora**.

4913. Œcophora subganomella.

Œcophora subganomella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 119, (1858-61).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

[*N.B.*—The position of the following genera is doubtful.]

Genus **Atteva**.

4914. Atteva impariguttella.

Œeta impariguttella, Zeller, Horæ Ent. Soc. Ross. 1877, p. 224, pl. 3, fig. 77.*
Atteva impariguttella, Moore, Lep. Ceyl. iii, p. 505, pl. 209, fig. 2, (1887).

Ceylon.

4915. Atteva niveigutta.

Atteva niveigutta, Walker, Cat. Lep. Het. B. M. ii, p. 526, (1854).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Collection Swinhoe, Sylhet.

4916. Atteva niveiguttella.

Corinea niveiguttella, Walker, Cat. Lep. Het. B. M. xxviii, p. 542, (1863).
Atteva niveiguttella, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Collection Swinhoe, Nilgiri Hills, Bombay.
Also recorded from Ceylon, Java, Australia.

4917. Atteva pulchella.

Atteva pulchella, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).

India.

Genus **Azinis.**

4918. Azinis assamensis.

Hyponomeuta assamensis, Butler, Trans. Ent. Soc. Lond. 1879, p. 6.
Azinis assamensis, Warren, Proc. Zool. Soc. Lond. 1888, p. 338.

Cachar, Punjab.

4919. Azinis hilarella.

Azinis hilarella, Walker, Cat. Lep. Het. B. M. xxviii, p. 542, (1863).
——————— Moore, Lep. Ceyl. iii, p. 506, pl. 209, fig. 3, (1887).

Collection Swinhoe, Ceylon.

Genus **Theoxenia.**

4920. Theoxenia penicillata.

Theoxenia penicillata, Walsingham, in Moore's Lep. Ceyl. iii, p. 506, pl. 209, fig. 4, ♂, (1887).

Collection Swinhoe, Ceylon.

Sub-Family GLYPHYPTERYGINÆ.

Genus **Glyphypteryx.**

4921. Glyphypteryx apparitella.

Glyphypteryx apparitella, Walker, Cat. Lep. Het. B. M. xxx, p. 839, (1864).
——————— Moore, Lep. Ceyl. iii, p. 524, (1887).

Ceylon.

4922. Glyphypteryx scitulella.

Glyphypteryx scitulella, Walker, Cat. Lep. Het. B. M. xxx, p. 839, (1864).
——————— Moore, Lep. Ceyl. iii, p. 524, (1887).

Ceylon.

Sub-Family GRACILARINÆ.

Genus **Gracilaria.**

4923. Gracilaria auricilla.

Gracilaria (?) auricilla, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 120, (1858-61).
——————— Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).
——————— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4924. Gracilaria coffeifoliella.

Gracilaria coffeifoliella, Nietner, Obs. on Enemies of Coffee Tree in Ceylon, p. 24, (1861).*
———— *loc. cit.*, new ed., p. 16, (1880).
———— Moore, Lep. Ceyl. iii, p. 525, (1887).

Ceylon.

4925. Gracilaria falcatella.

Gracilaria (?) falcatella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 121, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4926. Gracilaria gemoniella.

Gracilaria gemoniella, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 297, pl. 10, fig. 6, (1862-64).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 854, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4927. Gracilaria nitidula.

Gracilaria nitidula, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 299, pl. 10, fig. 9, (1862-64).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4928. Gracilaria quadrifasciata.

Gracilaria quadrifasciata, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 295, pl. 10, fig. 5, (1862-64).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 854, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4929. Gracilaria resplendens.

Gracilaria resplendens, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 294, pl. 10, fig. 4, (1862-64).
———— Walker, Cat. Lep. Het. B.M., xxx, p. 854, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4930. Gracilaria terminaliæ.

Gracilaria terminaliæ, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 298, pl. 10, fig. 8, (1862-64).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 854, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4931. GRACILARIA USTULATELLA.

Gracilaria (?) ustulatella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 121, (1858-61).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 855, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
Calcutta.

Genus **Coriscium.**

4932. CORISCIUM ORIENTALE.

Coriscium orientale, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 301, (1854-56).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 859, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
Calcutta.

Genus **Ornix.**

4933. ORNIX ALBIFRONS.

Ornix (?) albifrons, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 122, (1858-61).
———— Walker, Cat. Lep. Het. B.M. xxx, p. 861, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
Calcutta.

Sub-Family LAVERNINÆ.

Genus **Laverna.**

4934. LAVERNA MIMOSÆ.

Laverna (?) mimosæ, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 126, (1858-61).
India.

Sub-Family ELACHISTINÆ.

Genus **Butalis.**

4935. BUTALIS TRIOCELLATA.

Butalis triocellata, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 120, (1858-61).
———— Walker, Cat. Lep. Het. B. M., xxx, p. 1035, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.
Calcutta.

Genus **Cosmopteryx.**

4936. COSMOPTERYX ÆNEELLA.

Cosmopteryx æneella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 124, (1858-61).
———— Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.
Calcutta.

4937. Cosmopteryx asiatica.

Cosmopteryx asiatica, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 122, (1858-61).
———— Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

4938. Cosmopteryx semicoccinea.

Cosmopteryx semicoccinea, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 123, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1042, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

[*N. B.*—The position of the following genera is doubtful.]

Genus **Eretmocera.**

4939. Eretmocera impactella.

Gelechia (?) impactella, Walker, Cat. Lep. Het. B. M. xxix, p. 637, (1864).
Eretmocera impactella, Moore, Lep. Ceyl. iii, p. 514, pl. 209, fig. 10, (1887).

N. India, Ceylon.

Genus **Atkinsonia.**

4940. Atkinsonia clerodendronella.

Atkinsonia clerodendronella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 125, (1858-61).
———— Walker, Cat. Lep. Het. B. M., xxx, p. 900, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

Genus **Lozostoma.**

4941. Lozostoma flavofasciata.

Lozostoma flavofasciata, Stainton, Trans. Ent. Soc. Lond., v, new ser., p. 124, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1041, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4942. Lozostoma semisulphurea.

Lozostoma semisulphurea, Stainton, Trans. Ent. Soc. Lond, v., new ser., p. 125, (1858-61).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1041, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Sub-Family LITHOCOLLETINÆ.

Genus **Lithocolletis.**

4943. LITHOCOLLETIS BAUHINIÆ.

Lithocolletis bauhiniæ, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 303, (1854-56).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 911, (1864).
———— Moore, Proc. Zool. Soc, Lond. 1867, p. 672.

Calcutta.

Sub-Family LYONETINÆ.

Genus **Phyllocnistis.**

4944. PHYLLOCNISTIS CITRELLA.

Phyllocnistis citrella, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 302, (1854-56).
———— Walker, Cat. Lep. Het. B. M. xxx, p. 1043, (1864).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

Genus **Opogona.**

4945. OPOGONA FUMICEPS.

Opogona fumiceps, Felder & R. Reise, Novara, pl. 139, fig. 8, ♂, (1875).
———— Moore, Lep. Ceyl. iii, p. 526, (1887).

Ceylon.

[*N. B.*—The position of the following genus is doubtful.]

Genus **Cachura.**

4946. CACHURA OBJECTELLA.

Cachura objectella, Walker, Cat. Lep. Het. B. M. xxx, p. 918, (1864).
———— Moore, Lep. Ceyl. iii, p. 526, (1887).

Ceylon.

ADDENDA.

Family SPHINGIDÆ.

4A. Hemaris similima.

Hemaris similima, Moore, Proc. Zool. Soc. Lond. 1888, p. 391.
Kangra Valley.
Allied to *H. fuciformis*.

7. Rhopalopsyche bifasciata.

Collection Swinhoe, Nilgiri Hills.

10. Macroglossa insipida.

Collection Swinhoe, Nilgiri Hills.

11. Macroglossa affictitia.

Collection Swinhoe, Nilgiri Hills.

12. Macroglossa vialis.

Collection Swinhoe, Nilgiri Hills.

15. Macroglossa fervens.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

19. Macroglossa luteata.

Collection Swinhoe, Andaman Islands.

25. Macroglossa gilia.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

32. Macroglossa rectifascia.

Collection Swinhoe, Nilgiri Hills.

49. Ampelophaga fasciosa.

Ampelophaga fasciosa, Moore, Proc. Zool. Soc. Lond. 1888, p. 391.
Dharmsala.

Genus **Dahira.**

61A. Dahira rubiginosa.

Dahira rubiginosa, Moore, Proc. Zool. Soc. Lond. 1888, p. 391.
Mundi (N.-W. Himalayas).

65. Panacra automedon.

In Phayre Museum (Rangoon) from Pegu.

69. Panacra variolosa.

Collection Swinhoe, Sikkim.

77. Cypa incongruens.

Collection Swinhoe, Sikkim.

83. Chœrocampa alecto.

Collection Swinhoe, Ceylon.

84. Chœrocampa elegans.

Collection Swinhoe, Rangoon.

86. Chœrocampa rafflesii.

Collection Swinhoe, Nilgiri Hills.

92. Chœrocampa puellaris.

Collection Swinhoe, Solun (Simla).

93. Chœrocampa silhetensis.

Collection Swinhoe, Sikkim.
In Phayre Museum (Rangoon) from Pegu.

95. Chœrocampa lucasii.

Collection Swinhoe, Rangoon.

96. Chœrocampa tenebrosa.

Collection Swinhoe, Andaman Islands.

102. Chœrocampa minor.

Collection Swinhoe, Darjiling.

107. Chœrocampa erotus.

Collection Swinhoe, Andaman Islands.

110. DEILEPHILA LATHYRUS.

Collection Swinhoe, Kumaon.

113. DAPHNIS HYPOTHËUS.

Collection Swinhoe, Andaman Islands.

115. DAPHNIS BHAGA.

Collection Swinhoe, Sikkim.

122. AMBULYX SERICEIPENNIS.

Collection Swinhoe, Andaman Islands.

127A. AMBULYX PLACIDA.

Ambulyx placida, Moore, Proc. Zool. Soc. Lond. 1888, p. 390.
N.-W. Himalayas.
Allied to *A. sericeipennis*.

132. POLYPTICHUS DENTATUS.

Collection Swinhoe, Poona, Belgaum, Bombay, Mhow, Karachi.

133. POLYPTICHUS TIMESIUS.

Collection Swinhoe, Sikkim.

133A. POLYPTICHUS TRILINEATUS.

Polyptichus trilineatus, Moore, Proc. Zool. Soc. Lond. 1888, p. 390.
Dharmsala.
Allied to *P. dentatus* and *P. timesius*.

134. LEUCOPHLEBIA ROSACEA.

Collection Swinhoe, Nilgiri Hills.

172. PSEUDOSPHINX FO.

Collection Swinhoe, Sikkim.

GROUP BOMBYCES.

FAMILY ÆGERIDÆ.

188. SPHECIA CONTRACTA.

Collection Swinhoe, Sibsaghar.

192. Ægeria alterna.

Collection Swinhoe, Rangoon.

196. Melittia bombyliformis.

Collection Swinhoe, Rangoon.

199A. Melittia kulluana.

Melittia kulluana, Moore, Proc. Zool. Soc. Lond. 1888 p. 392.
Kulu.
Allied to *M. nepcha*.

208. Sciapteron sikkima.

Collection Swinhoe, Rangoon.

Family ZYGÆNIDÆ.

221. Syntomis artina.

Collection Swinhoe, Nilgiri Hills.

223. Syntomis atkinsoni.

Collection Swinhoe, Mergui, Rangoon.

237. Syntomis extensa.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

240. Syntomis georgina.

Collection Swinhoe, Travancore.

241. Syntomis godarti.

Collection Swinhoe, Nilgiri Hills.

252A. Syntomis minor.

Syntomis minor, Warren, Proc. Zool. Soc. Lond. 1888, p. 294.
Collection Swinhoe, Abbottabad (Punjab).

274. Eressa musa.

Collection Swinhoe, Alibagh.

275. Eressa subaurata.

Collection Swinhoe, Calcutta.

276. Dysauxes indica.

I. M., Calcutta.

283A. Euchromia fraterna.

Euchromia fraterna, Butler, Journ. Linn. Soc. Lond. 1876, p. 364.
————————, Trans. Ent. Soc. Lond. 1888, p. 114.

Moulmein.

299. Artona zebraica.

Collection Swinhoe, Rangoon.

Family AGARISTIDÆ.

310. Eusemia albomarginata.

Collection Swinhoe, Andaman Islands.

314. Eusemia basalis.

Collection Swinhoe, Sikkim.

324. Eusemia maculatrix, *var.*

Collection Swinhoe, North Kanara, Nilgiri Hills.

337. Eusemia vulcania.

Collection Swinhoe, Prome (Burma).

345. Ægocera bimacula.

Collection Swinhoe, North Kanara.

347. Ægocera tripartita.

Collection Swinhoe, Thyetmyo (Burma).

Family CHALCOSIIDÆ.

356. Epicopeia philenora.

Collection Swinhoe, Darjiling.

360. Philopator basimaculata.

Collection Swinhoe, Sikkim.

361. Cadphises maculata.

Collection Swinhoe, Sikkim.

389. Heterusia virescens.

Collection Swinhoe, Nilgiri Hills.

418. Epyrgis imitans.

Collection Swinhoe, Karen Hills.

420. Epyrgis parvula.

Collection Swinhoe, Nilgiri Hills.

451. Chelura bifasciata.

I. M., Naini Tal.

458. Thymara caudata.

Collection Swinhoe, Nilgiri Hills.

Family NYCTEMERIDÆ.

462. Nyctemera coleta.

Collection Swinhoe, Rangoon.

469. Pitasila varians.

Collection Swinhoe, Rangoon, Andaman Islands.

471. Trypheromera plagifera.

Collection Swinhoe, Nilgiri Hills.

472. Leptosoma latistriga.

Collection Swinhoe, Bassein, (Burma), Rangoon.

478. Curoba sangarida.

Collection Swinhoe, Nilgiri Hills.

Family CALLIDULIDÆ.

480. Callidula anchora.

Callidula anchora, Moore, Proc. Zool. Soc. Lond. 1888, p. 392

Family PSYCHIDÆ.

Genus **Psycho.**

491A. Psyche longicauda.

Psyche longicauda, Warren, Proc. Zool. Soc. Lond. 1888, p. 209.
Cambpellpur (Punjab).

Genus **Akesina.**

491B. Akesina basalis.

Akesina basalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 396.
Dharmsala.

Genus **Barandra.**

491C. Barandra fumata.

Barandra fumata, Moore, Proc. Zool. Soc. Lond. 1888, p. 396.
Dharmsala.

496A. Mahasena hockingii.

Mahasena hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 397.
Dharmsala.

Genus **Dasaratha.**

497A. Dasaratha himalayana.

Dasaratha himalayana, Moore, Proc. Zool. Soc. Lond. 1888, p. 397.
Dharmsala.

Family NYCTEOLIDÆ.

502A. Earias sulphuraria.

Earias sulphuraria, Moore, Lep. Ceyl. iii, p. 490, pl. 208, fig. 10, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Family LITHOSIIDÆ.

Sub-Family HYPSINÆ.

520. Hypsa lacteata.

Collection Swinhoe, Rangoon.

528. Damalis alciphron.

Collection Swinhoe, Rangoon, Calcutta, Nilgiri Hills.

550. Digama insulana.

Collection Swinhoe, Nilgiri Hills.

551. Digama marchalli.

Collection Swinhoe, Nilgiri Hills.

Sub-Family LITHOSIINÆ.

593. Capissa pallens.

Collection Swinhoe, Kurseong.

624. Brunia antica.

I. M., Calcutta.
Collection Swinhoe, Bombay, Thanna.

639A. Rœselia angulata.

Rœselia angulata, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Dharmsala.

639B. Rœselia fraterna.

Rœselia fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Kulu.

640A. Rœselia scripta.

Rœselia scripta, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Dharmsala.

643. Nepita anila.

I. M., Ranchi.

648. Nepita ochracea.

Collection Swinhoe, North Kanara.

649. Nepita semifascia.

Collection Swinhoe, Nilgiri Hills.

649A. Setina calamaria.

Setina calamaria, Moore, Proc. Zool. Soc. Lond. 1888, p. 392.
Palampore.

676. Lyclene artocarpi.

Collection Swinhoe, Calcutta.

706. Barsine rubricosa.

Collection Swinhoe, Nilgiri Hills.

710A. Æmene inconstans.

Æmene inconstans, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Dharmsala.

711A. Æmene sagittifera.

Æmene sagittifera, Moore, Proc. Zool. Soc. Lond. 1888, p. 392.
Dharmsala.

715. Æmene taprobanis.

I. M., Ranchi.
Collection Swinhoe, Nilgiri Hills.

733. Pentacitrotus vulneratus.

Pentacitrotus vulneratus, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 295.
Thundiani (Punjab).

741. Argina argus.

Collection Swinhoe, Nilgiri Hills.

749. Argina syringa.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

Family ARCTIIDÆ.

759A. Spilosoma sangaica.

Spilosoma sangaica, Walker, Cat. Lep. Het. B. M. xxxi, p. 294, (1864).
——— Warren, Proc. Zool. Soc. Lond. 1888, p. 296.
Murree, China.

762. Phissama transiens.

Collection Swinhoe, Nilgiri Hills, Rangoon.

765. Rhodogastria fraterna.

Collection Swinhoe, Karachi.

770. Thyrgorina spilosomata.

Thyrgorina spilosomata, Walker.
Warren, Proc. Zool. Soc. Lond. 1888, p. 297.

Abbottabad (Punjab).

771. Bucœa simplex.

Collection Swinhoe, Khandalla, North Kanara.

773. Tinolius eburneigutta.

Collection Swinhoe, Rangoon, Andaman Islands.

774. Pharetra consanguis.

Collection Swinhoe, Solun (Simla), Rangoon.

784. Glanycus insolitus.

Collection Swinhoe, Sikkim.

785. Glanycus tricolor.

Collection Swinhoe, Darjiling.

791. Rajendra khandalla.

Collection Swinhoe, Khandalla, Nilgiri Hills.

795. Rajendra sipahi.

Collection Swinhoe, Bombay, Mahableshwar.

797. Rajendra vittata.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

800. Hypercompa flavicolor.

Collection Swinhoe, Dras.

829. Spilarctia casigneta.

Collection Swinhoe, Nilgiri Hills.

830. Spilarctia confusa.

Collection Swinhoe, Nilgiri Hills.

830A. Spilarctia dalbergiæ.

Spilarctia dalbergiæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.

Dharmsala.
Allied to *S. stigmata*.

837. SPILARCTIA INDICA.

Collection Swinhoe, Nilgiri Hills.

843A. SPILARCTIA SAGITTIFERA.

Spilarctia sagittifera, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.
Dharmsala.
Allied to *S. casigneta*.

848. SPILARCTIA TODARA.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

855A. CHALLA QUADRIMACULATA.

Challa quadrimaculata, Moore, Proc. Zool. Soc. Lond. 1888, p. 395.
Palampore.
Allied to *C. bimaculata*.

861A. ICAMBOSIDA DORSALIS.

Icambosida dorsalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.
Dharmsala.

FAMILY LIPARIDÆ.

878A. CHARNIDAS AURANTIACA.

Charnidas aurantiaca, Warren, Proc. Zool. Soc. Lond. 1888, p. 296.
Attock.

880. CHARNIDAS LITURA.

Collection Swinhoe, Kasaoli, Kulu.

882. CHARNIDAS PLANA.

Collection Swinhoe, Calcutta, Nilgiri Hills.

884. CHARNIDAS SUBNOTATA.

Collection Swinhoe, Ceylon.

898. GENUSA TERMINATA.

Collection Swinhoe, Karen Hills.

902. Artaxa apicalis.

Collection Swinhoe, Nilgiri Hills.

908. Artaxa digramma.

I. M., Ranchi.
Collection Swinhoe, Ceylon.

918. Artaxa subfasciata.

Collection Swinhoe, Nilgiri Hills.

918A. Artaxa sulphurescens.

Artaxa sulphurescens, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.
Dharmsala.
Allied to *A. trifasciata*.

921. Artaxa varians.

Collection Swinhoe, Nilgiri Hills.

924. Somena scintillans.

In Phayre Museum (Rangoon), from Rangoon.

930. Porthesia subdita.

Collection Swinhoe, Travancore.

932A. Euproctis abdominalis.

Euproctis abdominalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 398.
Dharmsala.
Allied to *E. postica*.

950. Euproctis postica.

Collection Swinhoe, Poona, Nilgiri Hills.

969. Chærotricha marginata.

Collection Swinhoe, Kurseong.

979A. Dasychira dalbergiæ.

Dasychira dalbergiæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.
Dharmsala, Masuri.
Allied to *D. inclusa*.

983. Dysachira kausalia.

I. M., Ranchi.

1003. Lymantria beatrix.

I. M., Ranchi.

1004A. Lymantria carnecolor.

Lymantria carnecolor, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.

Dharmsala.
Allied to *L. concolor*.

1012A. Lymantria nigra.

Lymantria nigra, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.
Kangra Valley.
Allied to *L. beatrix* and *L. pusilla*.

1030. Enome incerta.

Collection Swinhoe, Nilgiri Hills.

1031. Pseudomesa quadriplagiata.

Collection Swinhoe, Sikkim.

1053. Redoa lactea.

Collection Swinhoe, Nilgiri Hills.

1069A. Procodeca umbrina.

Procodeca umbrina, Moore, Proc. Zool. Soc. Lond. 1888, p. 398.
Kulu.

Genus **Lachana**.

1071A. Lachana ladakensis.

Lachana ladakensis, Moore, Proc. Zool. Soc. Lond. 1888, p. 398.
Ladak.

Family NOTODONTIDÆ.

Sub-Family CAREINÆ.

1114. Sybrida inordinata.

Collection Swinhoe, Sikkim.

1118. Dabarita subtilis.

Collection Swinhoe, North Kanara.

1120. Carea obsolescens.

Collection Swinhoe, Mahableshwar, Purundhur, Nilgiri Hills.

Sub-Family DICRANURINÆ.

1124. Cerura himalayana.

Cerura Himalayana, Moore, Proc. Zool. Soc. Lond. 1888, p. 400.
Dharmsala.

1130A. Stauropus berberisæ.

Stauropus berberisæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 400.
Dharmsala, Umballa.

Sub-Family NOTODONTINÆ.

1139. Sphetta apicalis.

Collection Swinhoe, Sikkim.

1164. Lophopteryx saturata.

Collection Swinhoe, Kurseong.

1168A. Heterocampa basistriga.

Heterocampa basistriga, Moore, Proc. Zool. Soc. Lond. 1888, p 400.
Dharmsala.

Genus **Varmina.**

1177. Varmina indica.

Varmina indica, Moore, Proc. Zool. Soc. Lond. 1888, p. 405.
Dharmsala, Umballa.

1182. Pydna fasciata.

Collection Swinhoe, Sikkim.

1195. Ichthyura fulgurita.

Collection Swinhoe, Nilgiri Hills.

1198. Ingura cristatrix.

Collection Swinhoe, Andaman Islands.

1207A. Pheosia fasciata.

Pheosia fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.
Dharmsala.

1215. Netria viridescens.

Collection Swinhoe, Sikkim.

Sub-Family CALPINÆ.

1218. Calpe bicolor.

Collection Swinhoe, Sikkim.

1222. Calpe orthographa.

Collection Swinhoe, Darjiling.

1225. Oræsia emarginata.

Collection Swinhoe; Rangoon, Nilgiri Hills.

1233. Ambadra ernestina.

I. M., Ranchi.
Collection Swinhoe, Calcutta.

Family DREPANULIDÆ.

1238A. Drepana hyalina.

Drepana hyalina, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.
Dharmsala.

1238B. Drepana lilacina.

Drepana lilacina, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.
Dharmsala.

1242A. Drepana simillima.

Drepana simillima, Moore, Proc. Zool. Soc. Lond. 1888, p. 402.
Dharmsala.
Allied to *D. lilacina*.

1258A. Argyris cinerea.

Argyris cinerea, Butler, Proc. Zool. Soc. Lond. 1886, p. 387, pl. 35, fig. 3.
Problepis cinerea, Warren, Proc. Zool. Soc. Lond. 1888, p. 298.
Campbellpur (Punjab).

1259. Argyris deliaria.

Collection Swinhoe, Nilgiri Hills.

Family LIMACODIDÆ.

1273. Natada rufescens.

Collection Swinhoe, Rangoon.

1280A. Parasa bandura.

Parasa bandura, Moore, Cat. Lep. E. I. C. ii, p. 417, pl. 11 *a*, fig. 9, (1859).

Collection Swinhoe, Rangoon.
Also recorded from Java.

1281. Parasa bicolor.

Collection Swinhoe, Bassein (Burma).

1282A. Parasa hockingii.

Parasa hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Kangra Valley.

1284. Parasa læta.

Collection Swinhoe, Thyetmyo (Burma), Poona, Nilgiri Hills.

1286A. Parasa lœsa.

Parasa lœsa, Moore, Cat. Lep. E. I. C. ii, p. 417, pl. 11 *a*, fig. 12, ♀, (1859)
Collection Swinhoe, Thyetmyo (Burma).
Also recorded from Java.

1290. Parasa repanda.

Collection Swinhoe, Sibsagar.

1296A. Aphendala fasciata.

Aphendala fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Dharmsala.

1304. Susica signata.

Collection Swinhoe, Ceylon.

1305. Miresa albipuncta.

Collection Swinhoe, Poona.

1315A. Miresa quadrinotata.

Miresa quadrinotata, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Kangra, Kulu.

1315B. Mirosa suffusa.

Miresa suffusa, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Dharmsala.

1318. Narosa adala.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

Family LASIOCAMPIDÆ.

1346. Ganisa plana.

I. M., Sikkim.

1347. Ganisa postica.

Collection Swinhoe, North Kanara.

1351. Apona plumosa.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

1352. Apona shevaroyensis.

Collection Swinhoe, Nilgiri Hills.

1381. Eupterote diabolica.

Collection Swinhoe, Khandalla, Poona.

1385A. Eupterote fraterna.

Eupterote fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.
Dharmsala.
Allied to *E. invalida*.

1392. Eupterote lativittata.

Collection Swinhoe, North Kanara.

1394. Eupterote mollifera.

Collection Swinhoe, Nilgiri Hills.

1403. Eupterote similis.

I. M., Calcutta.

1413. Spalyria adolphei.

Collection Swinhoe, Nilgiri Hills.

1414. Spalyria collaris.

Collection Swinhoe, Nilgiri Hills.

1423. Sangatissa citrinulla.

Collection Swinhoe, Nilgiri Hills.

1438. Nisaga simplex.

Collection Swinhoe, Nilgiri Hills.

1440. Lenodora fasciata.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

1444. Lenodora vittata.

I. M., Nilgiri Hills.
Collection Swinhoe, Raipur (Central Provinces), Nilgiri Hills.

1499A. Estigena pardale.

Estigena pardale, Moore, Cat. Lep. E. I. C. ii, p. 426, pl. 13 *a*, fig. 1, ♂, 1 *a*, ♀, (1859).

I. M., Andaman Islands (Wimberley).
Also recorded from Java.

1499B. Taragama castanoptera.

Taragama castanoptera, Moore, Proc. Zool. Soc. Lond. 1888, p. 404.

Kangra Valley.
Allied to *T. Ganesa*.

1500. Taragama ganesa.

I. M., Morshidabad.

1508. Suana concolor.

Collection Swinhoe, Mahableshwar.

Genus **Bhima**.

1509. *For* Pœcilocampa undulosa, *read* Bhima undulosa.

Moore, Proc. Zool. Soc. Lond. 1888, p. 404.

Dharmsala.

Family PHALERIDÆ.

1527. Ramesa tosta.

Collection Swinhoe, Pyentaza (Burma).

Family SATURNIIDÆ.

1538. Attacus edwardsii.

Collection Swinhoe, Kurseong.

1446A. Saturnia hockingii.

Saturnia hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 402.
Kulu.
Allied to *S. grotei*.

1550A. Saturnia royi.

Saturnia royi, Elwes, Proc. Zool. Soc. Lond. 1887, p. 447.
Tonglo (Sikkim).

1556. Löepa sikkima.

Collection Swinhoe, Rangoon.

1560A. Antheræa fraterna.

Antheræa fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 402.
Kasaoli, Kangra.
Allied to *A. savalica*.

1564. Antheræa mylitta.

Collection Swinhoe, Central India.

1575. Rhodia newara.

Collection Swinhoe, Sikkim.

Family COSSIDÆ.

1585. Zeuzera albofasciata.

Collection Swinhoe, Kulu.

1597. Zeuzera signata.

Collection Swinhoe, Sikkim.

1601. Phragmatœcia minor.

In Phayre Museum (Rangoon), from Bhamo.

Family HEPIALIDÆ.

1616. Phassus albofasciatus.

Collection Swinhoe, Nilgiri Hills.

1619. Phassus malabaricus.

Collection Swinhoe, Nilgiri Hills.

Group NOCTUES.

Family CYMATOPHORIDÆ.

1624A. Thyatira cognata.

Thyatira cognata, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.
——————— Warren, *loc. cit.*, p. 299.

Kangra, Kala Pani (Punjab).
Allied to *T. batis*.

1628. Gaurena florens.

Collection Swinhoe, Kurseong.

1629A. Habrosyne fraterna.

Habrosyne fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.

Kangra.
Allied to *H. Indica*.

1637. Risoba obstructa.

Collection Swinhoe, Rangoon, Raipur (Central Provinces), Calcutta.

1641. Kerala multipunctata.

Collection Swinhoe, Kurseong.

1642A. Palimpsestis albidisca.

Palimpsestis albidisca, Moore, Proc. Zool. Soc. Lond. 1888, p. 408.
Polyploca albidisca, Warren, Proc. Zool. Soc. Lond. 1888, p. 299.

Kangra, Beham Gulley (Punjab).

1644B. Palimpsestis dubia.

Polyploca dubia, Warren, Proc. Zool. Soc. Lond. 1888, p. 300.
Handar (Punjab).

1644C. Palimpsestis orbicularis.

Palimpsestis orbicularis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.

1644D. Palimpsestis renalis.

Palimpsestis renalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.

Genus **Asphalia**.

1644E. Asphalia cinerea.

Asphalia cinerea, Warren, Proc. Zool. Soc. Lond. 1888, p. 300.
Thundiani (Punjab).

Family LEUCANIIDÆ.

1659A. Leucania bifasciata.

Leucania bifasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.
Allied to *L. griseofasciata*.

1667. Leucania decissima.

Collection Swinhoe, Nilgiri Hills.

1674. Leucania extranea.

Collection, Swinhoe, Nilgiri Hills, Calcutta.

1677A. Leucania irrorata.

Leucania irrorata, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

1685. Leucania percisa.

Leucania percisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.

1705A. Aletia exanthemata.

Aletia exanthemata, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.

1705B. Aletia fraterna.

Aletia fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.
Allied to *A. albicosta*.

1708. Aletia rudis.

Aletia rudis, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.
Kangra.

1712. Axylia fasciata.

Collection Swinhoe, Nilgiri Hills.

1715A. Axylia triseriata.

Axylia triseriata, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

1716A. Tympanistes rubridorsalis.

Tympanistes rubridorsalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

Family HELIOTHIDÆ.

1723. Dorika sanguinolenta.

Collection Swinhoe, Nilgiri Hills.

1726A. Pradatta bimaculata.

Pradatta bimaculata, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.
Dharmsala.

1727. Pradatta bivittata.

Collection Swinhoe, Poona, Nilgiri Hills.

1738. Heliothis succinea.

In Mr. Lindsay's Collection from Nilgiri Hills.

1747. Adisura leucanioides.

Collection Swinhoe, Nilgiri Hills.

1755A. Masalia tosta.

Masalia tosta, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.
Dharmsala.

Family BOMBYCOIDÆ.

1760A. Diphtera fasciata.

Diphtera fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 408.
Kangra.

1765A. Plataplecta scotochlora.

Polia scotochlora, Kollar, Hüg. Kasch, p. 482, (1848).
Plataplecta scotochlora, Warren, Proc. Zool. Soc. Lond. 1888, p. 309.
Thundiani (Punjab).

1770A. Triæna denticulata.

Triæna denticulata, Moore, Proc. Zool. Soc. Lond. 1888, p. 408.
Kangra.

1771. Triæna maxima.

Collection Swinhoe, Kulu, Rangoon.

1772A. Karana similis.

Karana similis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.
Allied to *K. decorata*.

1773A. Hyboma divisa.

Hyboma divisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

Family THYRIDIDÆ.

Genus **Thyridiphora.**

1773B. Thyridiphora fenestrata.

Thyridiphora fenestrata, Warren, Proc. Zool. Soc. Lond. 1888, p. 311.
Campbellpur (Punjab).

Family BRYOPHILIDÆ.

1777A. Bryophila nigrivittata.

Bryophila nigrivittata, Warren, Proc. Zool. Soc. Lond. 1888, p. 301.
Campbellpur (Punjab).

1778. Bryophila nilgiria.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

Family GLOTTULIDÆ.

1782. Chasmina cygnus.

Collection Swinhoe, Nilgiri Hills.

Family ACONTIIDÆ.

1805. Xanthodes flava.

Collection Swinhoe, Nilgiri Hills.

1811. Xanthodes intersepta.

Collection Swinhoe, Rangoon.

1820A. Canna splendens.

Canna splendens, Moore, Proc. Zool. Soc. Lond. 1888, p. 412.
Dharmsala.

1825. Euphasia catena.

Collection Swinhoe, Bombay.

1838A. Acontia lucida.

Phalæna (*Noctua*) *lucida*, Hübn., Berl. Mag. iii, p. 302, 424.
Acontia lucida, Warren, Proc. Zool. Soc. Lond. 1888, p. 309.
Acontia solaris, Treit., Schm. Eur. v, Abh., 3, p. 244.
Punjab, Europe.

1846. Acontia quadripartita.

Collection Swinhoe, Nilgiri Hills.

1866. Tarache tropica.

Collection Swinhoe, Andaman Islands.

Family ANTHOPHILIDÆ.

1896A. Thalpochares triangularis.

Thalpochares triangularis, Warren, Proc. Zool. Soc. Lond. 1888, p. 309.
Campbellpur (Punjab).

Genus **Metachrostis.**

1902. *For* Leptosia quinaria *read* Metachrostis quinaria.

1902A. METACHROSTIS CONTINGENS.

Metachrostis contingens, Moore, Proc. Zool. Soc. Lond. 1888, p. 412.
Dharmsala.

1903. *For* TIMA MARGARITA *read* TIMA MARGARITATA.

1907. HYELA LATIVITTA.

Collection Swinhoe, Nilgiri Hills.

1910. MARADANA RIVULATA.

Collection Swinhoe, Nilgiri Hills.

1912. PARACRAMA DULCISSIMA.

Collection Swinhoe, Nilgiri Hills.

FAMILY ORTHOSIDÆ.

1915. *Erase* ORTHOSIA EXTERNA.

[See No. 2110A, "APAMIIDÆ."]

FAMILY HADENIDÆ.

1930A. EUROIS VIRENS.

Eurois virens, Butler, Ann. Nat. Hist. 1878, p. 194.
———— Ill. Typ. Lep. Het. B.M. iii, p. 17, pl. 45, fig. 5, (1879).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 308.
Thundiani (Punjab), Japan.

1933A. HADENA CHENOPODII.

Phalæna (Noctua) chenopodii, Gmel., Syst. Nat., i, 5, p. 2543, 1036.*
Hadena chenopodii, Warren, Proc. Zool. Soc. Lond. 1888, p. 308.
Thundiani (Punjab).

1937. HADENA INDISTANS.

Collection Swinhoe, Nilgiri Hills.

1959A. EUPLEXIA PECTINATA.

Euplexia pectinata, Warren, Proc. Zool. Soc. Lond. 1888, p. 308.
Thundiani (Punjab).

1967. RADINACRA THORACICA.

Collection Swinhoe, Khandalla.

1975A. Appana cingalesa.

Appana cingalesa, Moore, Lep. Ceyl. iii, p. 548, pl. 214, fig. 6, ♀, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Family NOCTUIDÆ.

1986. Agrotis conspurcata.

I. M., Nilgiri Hills.

1996. Agrotis plagiata.

Collection Swinhoe, Ceylon.

2001. Agrotis suffusa.

Collection Swinhoe, Nilgiri Hills.

Genus **Oxira.**

2007A. Oxira ochracea.

Oxira ochracea, Walker, Cat. Lep. Het. B.M. xxxii, p. 657.
———— Moore, Lep. Ceyl. iii, p. 23, (1884).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 306.
Punjab, Ceylon.

2008A. Graphiphora canescens.

Graphiphora canescens, Butler, Ann. Nat. Hist. 1878, i, p. 165.
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 306.
Cerastis subdolens, Butler, Trans. Ent. Soc. Lond. 1881, pt. ii, p. 181.
Thundiani (Punjab). Collection Swinhoe.
Allied to *G. dahlii* of Europe.

2018A. Graphiphora valida.

Graphiphora valida, Walker, Cat. Lep. Het. B. M. xxxiii, p. 711, (1865).
———— Warren, Proc. Zool. Soc. Lond. 1888, p. 305.
Thundiani (Punjab), China.

2022A. Ochropleura denticulata.

Ochropleura denticulata, Warren, Proc. Zool. Soc. Lond. 1888, p. 307.
Thundiani (Punjab).

Family APAMIIDÆ.

2040. Berresa natalis.

Collection Swinhoe, Moulmein, Rangoon, Nilgiri Hills.

2076A. Mamestra nigerrima.

Mamestra nigerrima, Warren, Proc. Zool. Soc. Lond. 1888, p. 302.
Collection Swinhoe, Thundiani (Punjab).
Also from Naini Tal in Colonel Lang's Collection.

2088. Ilattia cephusalis.

Collection Swinhoe, Rangoon.

2099. Perigea centralis.

Collection Swinhoe, Rangoon.

2104. Amyna selenampha.

Collection Swinhoe, Andaman Isles, Moulmein, Rangoon.

2110A. Caradrina externa.

Orthosia externa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865).
————————Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
————————Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
Caradrina externa, Warren, Proc. Zool. Soc. Lond. 1888, p. 303.
I. M., Sikkim.
Collection Swinhoe, Kasaoli.
Also recorded from the Punjab.

2110B. Caradrina farinacea.

Caradrina farinacea, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.
Kangra.

2117. Spodoptera cilium.

Collection Swinhoe, Bassein (Burma), Nilgiri Hills.

2120. Prodenia littoralis.

Collection Swinhoe, Nilgiri Hills.

2122. Laphygma exigua.

Collection Swinhoe, Punjab, Rangoon, Nilgiri Hills.

2130. *Erase* Oxira ochracea.

[See No. 2007A, "Noctuidæ."]

2140. Rhizogramma unilinea.

Collection Swinhoe, Ahmedabad.

Family PLUSIDÆ.

2153. Plusia chrysitina.

Collection Swinhoe, Kipra (Sind), Ceylon, Nilgiri Hills.

2161. Plusia extrahens.

Collection Swinhoe, Nilgiri Hills.

2169. Plusia obtusisigna.

Collection Swinhoe, Nilgiri Hills.

2170. Plusia ochreata.

Collection Swinhoe, Nilgiri Hills.

2177. Plusia signata.

Collection Swinhoe, Rangoon.

2180. Plusia verticillata.

Collection Swinhoe, Andaman Islands, Raipur (Central Provinces), Nilgiri Hills, Rangoon.

2181. Plusiodonta auripicta.

Collection Swinhoe, Rangoon.

2182. Plusiodonta chalsytoides.

Collection Swinhoe, Ceylon, Rangoon.

Family PALINDIDÆ.

2189. Homodes crocea.

Collection Swinhoe, Andaman Islands.

Family EURHIPIDÆ.

2199. Penicillaria jocosatrix.

Collection Swinhoe, Calcutta, Nilgiri Hills.

2201. Penicillaria nugatrix.

Collection Swinhoe, Andaman Islands.

2210. Varnia fenestrata.

Collection Swinhoe, Sikkim.

Family ERIOPIDÆ.

2219. Callopistria exotica.

Collection Swinhoe, Ceylon, Khandalla.

2220. Callopistria recurvata.

Collection Swinhoe, Rangoon, Nilgiri Hills.

Family GONOPTERIDÆ.

2234. Cosmophila xanthindyma.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2235. Arthisma scissuralis.

Collection Swinhoe, Rangoon, Bhamo (Burma).

Family AMPHIPYRIDÆ.

2256A. Amphipyra flavicaudata.

Amphipyra flavicaudata, Warren, Proc. Zool. Soc. Lond. 1888, p. 312.
Thundiani (Punjab).

2263. Blenine accipiens.

Collection Swinhoe, Rangoon.

2264. Blenina donans.

Collection Swinhoe, Nilgiri Hills.

Family CATOCALIDÆ.

2274. Catocala afghana.

Catocala afghana, Swinhoe.
Warren, Proc. Zool. Soc. Lond. 1888, p. 314.
Collection Swinhoe, Abbottabad (Punjab).

2278A. Catocala nivea.

Catocala nivea, Butler, Cist. Ent. ii, p. 241, (1875-82).
——————— Ill. Typ. Lep. Het. B. M., ii, p. 38, pl. 33, fig. 4, (1878).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab), Japan.

2279. Catocala patala.

Catocala pattala, Felder.
Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab).

2279A. Catocala persimilis.

Catocala persimilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab).

Family TOXOCAMPIDÆ.

2296. Toxocampa metaspila.

Collection Swinhoe, Rangoon.

Family POAPHILIDÆ.

2312. Poaphila reflexa.

Collection Swinhoe, Poona, Purundhur, Nilgiri Hills, Andaman Islands.

2321. Dierna multistrigaria.

I. M., Nilgiri Hills.

Family CATEPHIDÆ.

2339. Briarda decens.

Collection Swinhoe, North Kanara, Nilgiri Hills, Bassein (Burma), Andaman Islands.

2343. Arcte granulata.

Collection Swinhoe, Assam.

2347. Catephia linteola.

Collection Swinhoe, Sikkim, Rangoon, Nilgiri Hills.

2351. Mosara apicalis.

In Phayre Museum (Rangoon), from Rangoon.
In Mr. Lindsay's Collection from Nilgiri Hills.

2365. Stictoptera subobliqua.

Collection Swinhoe, Bombay.

2367. Stictoptera variabilis.

Collection Swinhoe, Andaman Islands.

2370. Odontodes bolinoides.

I. M., Ranchi.
Collection Swinhoe, Rangoon.

2371. Sadarsa longipennis.

Collection Swinhoe, Kurseong.

2376. Gyrtona hylusalis.

Collection Swinhoe, Nilgiri Hills.

2380. Lophoptera costata.

Collection Swinhoe, Rangoon, Nilgiri Hills.

2387. Athyrma polyspila.

Collection Swinhoe, Rangoon.

Family HYPOGRAMMIDÆ.

2394. Dinumma deponens.

Collection Swinhoe, Rangoon, Raipur (Central Provinces), Nilgiri Hills.

2420. Plotheia spurcata.

Collection Swinhoe, Ceylon.

2424. Selepa celtis.

In Phayre Museum (Rangoon) from Rangoon.

Family POLYDESMIDÆ.

2440A. Pandesma benenotata.

Pandesma benenotata, Warren, Proc. Zool. Soc. Lond. 1888, p. 313.
Rawal Pindi.

2443. Pandesma quenavadi.

Collection Swinhoe, Deesa, Punjab, Raipur (Central Provinces), Nilgiri Hills.

2446. Pandesma boarmoides.

Collection Swinhoe, Rangoon, Sholapore, Raipur (Central Provinces), Nilgiri Hills.

Family HOMOPTERIDÆ.

2451. Alamis continua.

Collection Swinhoe, Raipur (Central Provinces), Solun (Simla).

2454. Alamis infligens.

Collection Swinhoe, Nilgiri Hills.

2470. Girpa eriophora.

Collection Swinhoe, Andaman Islands.

2471. Girpa fraterna.

Collection Swinhoe, Rangoon.

2472. Girpa inangulata.

Collection Swinhoe, Raipur (Central Provinces), Rangoon.

2473. Girpa pertendens.

Collection Swinhoe, Rangoon.

Family OPHIDERIDÆ.

2474. Argadesa materna.

Collection Swinhoe, Raipur, Calcutta, Andaman Islands.

2492. Ischyja manlia.

Collection Swinhoe, Nilgiri Hills, Andaman Islands.

Family EREBIDÆ.

2497. Oxyodes scrobiculata.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2527. Sypna submarginata.

Collection Swinhoe, Nilgiri Hills.

Family OMMATOPHORIDÆ.

2536. Argiva strigipennis.

Collection Swinhoe, Nilgiri Hills.

2547. Entomogramma decora.

Collection Swinhoe, Poona.

2550. Entomogramma torsa.

Collection Swinhoe, Raipur, Nilgiri Hills.

2553. Speiredonia retrahens.

Collection Swinhoe, Nilgiri Hills, Rangoon, Andaman Islands.

2554. Speiredonia zamis.

Collection Swinhoe, Rangoon.

2555. Sericia anops.

Collection Swinhoe, Nilgiri Hills, Rangoon, Andaman Islands.

Family HYPOPYRIDÆ.

2558. Spiramia cohærens.

Collection Swinhoe, Raipur, Calcutta, Rangoon.

2559. Spiramia helicina.

Collection Swinhoe, Nilgiri Hills.

2563A. Hypopyra extricans.

Hypopyra extricans, Walker, Cat. Lep. Het. B. M. xiv, p. 1328, (1858).
——— Warren, Proc. Zool. Soc. Lond. 1888, p 315.

Hurripur (Punjab), China.

2570. Hypopyra shiva.

Collection Swinhoe, Rangoon.

2572. Hypopyra vespertilio.
Collection Swinhoe, Rangoon.

Family BENDIDÆ.

2576. Hulodes restorans.
Collection Swinhoe, Rangoon.

2578. Hamodes attacicola.
Collection Swinhoe, Rangoon, Andaman Islands.

Family OPHIUSIDÆ.

2583. Melioptis cyllaria.
Collection Swinhoe, Rangoon.

2585. Melioptis diversipennis.
Collection Swinhoe, Calcutta.

2587. Melioptis pannosa.
I. M., Calcutta.
Collection Swinhoe, Rangoon.

2595. Thyas coronata.
Collection Swinhoe, Andaman Islands.

2598. Thyas honesta.
Collection Swinhoe, Rangoon.

2606. Minucia prunicolor.
Collection Swinhoe, Nilgiri Hills.

2611. Minucia tumidilinea.
Collection Swinhoe, Rangoon.

2614. Ophisma contenta.
Collection Swinhoe, Rangoon.

2616. OPHISMA GRAVATA.

In Phayre Museum (Rangoon) from Rangoon.

2617. OPHISMA MATURATA.

Collection Swinhoe, Calcutta.
In Mr. Lindsay's Collection from Nilgiri Hills.

2621. *Erase* PLATYJA UMMINIA.

[See No. 2760, "THERMESIIDÆ."]

2622. PINDARA ILLIBATA.

Collection Swinhoe, Rangoon.

2623. ACHÆA COMBINANS.

Collection Swinhoe, Rangoon, Calcutta, Nilgiri Hills.

2626. ACHÆA NUBIFERA.

Collection Swinhoe, Andaman Islands.

2628. ACHÆA SERVA.

Collection Swinhoe, Calcutta, Rangoon.

2629. PSIMADA QUADRIPENNIS.

Collection Swinhoe, Andaman Isles, Rangoon.

2630. SERRODES CAMPANA.

Collection Swinhoe, Nilgiri Hills.

2631. SERRODES INARA.

Collection Swinhoe, Nilgiri Hills.

2633. NAXIA CALEFACIENS.

Phayre Museum (Rangoon) from Rangoon.

2636. DELGAMMA CALORIFICA.

Collection Swinhoe, Rangoon.

2637. CARANILLA ONELIA.

Collection Swinhoe, Nilgiri Hills, Calcutta, Rangoon.

2641. MACALDENIA PALUMBA.

Collection Swinhoe, Rangoon.

2642. Calesia dasyptera.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2649. Anereuthina condita.

Collection Swinhoe, Andaman Islands.

2656. Dordura aliena.

Collection Swinhoe, Rangoon.

2657. Dordura apicalis.

Collection Swinhoe, Rangoon.

2661. Ophiusa analis.

Collection Swinhoe, Raipur, Nilgiri Hills.

2662. Ophiusa arctotænia.

J. M., Ranchi.

2663. Ophiusa arcuata.

Collection Swinhoe, Rangoon.

2666. Ophiusa crameri.

Collection Swinhoe, Nilgiri Hills, Calcutta, Burma.

2669. Ophiusa fulvotænia.

Collection Swinhoe, Rangoon.

2670. Ophiusa joviana.

Collection Swinhoe, Rangoon, Calcutta.

2670A. Ophiusa latifascia.

Dysgonia latifascia, Warren, Proc. Zool. Soc. Lond. 1888, p. 316.
Collection Swinhoe, Solun, Kozdar (Beloochistan).
Also recorded from Campbelpur (Punjab).

2676. Grammodes ammonia.

Collection Swinhoe, Rangoon.

2678. Grammodes mygdon.

Collection Swinhoe, Rangoon.

2683. Fodina pallula.

Collection Swinhoe, Calcutta.

2684. Artena submira.

Collection Swinhoe, Rangoon.

Family EUCLIDIDÆ.

2685. Trigonodes cephise.

Collection Swinhoe, Rangoon.

2688. Trigonodes maxima.

In Phayre Museum (Rangoon) from Thyetmyo.

2696. Acantholipes trifasciata.

Collection Swinhoe, Nilgiri Hills.

Family REMIGIIDÆ.

2697. Cauninda archesia.

Collection Swinhoe, Nilgiri Hills, Andaman Isles.

2702. Remigia frugalis.

Collection Swinhoe, Rangoon.

2705. Remigia quæsita.

Collection Swinhoe, Nilgiri Hills, Rangoon.

Group PSEUDODELTOIDES.

Family FOCILLIDÆ.

2713. Zethes cristifera.

In Phayre Museum (Rangoon) from Bassein (Burma).

2729. Cultripalpa indistincta.

In Phayre Museum (Rangoon) from Bassein.

2730. Cultripalpa partita.

In Phayre Museum (Rangoon) from Bassein.

2736. Egnasia ephyrodalis.

Collection Swinhoe, Rangoon.

2738A. Egnasia mœstalis.

Magulaba mœstalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1127, (1865).
Egnasia mœstalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 317.
Egnasia erebina, Butler, Ann. Nat. Hist. 1879, iv, p. 450.

Campbelpur (Punjab), Japan, Aden.
Sierra Leone.

2745. Matella accingalis.

Collection Swinhoe, Poona.

Family AMPHIGONIDÆ.

2756. Lacera alope.

Collection Swinhoe, Rangoon.

2758. Amphigonia hepatizans.

Collection Swinhoe, Rangoon, Nilgiri Hills.

Family THERMESIIDÆ.

2760. Platyja umminia.

Collection Swinhoe, Rangoon, Andaman Islands.
Also recorded from Bengal, Java, China, Penang.

2761. Sympis rufibasis.

Collection Swinhoe, Calcutta, Rangoon.

2775. Seneratia præcipua.

Collection Swinhoe, Nilgiri Hills.

2785. Durdara fenestrata.

Collection Swinhoe, Kurseong.

2787. Durdara lobata.

Collection Swinhoe, Camorta (Nicobars).

2788. Durdara myrtæa.

Collection Swinhoe, Bhamo (Burma).

2791. Raparna ochreipennis.

Collection Swinhoe, Poona, Mahableshwar.

2803. Mestleta divisa.

Collection Swinhoe, Khandalla, Nilgiri Hills.

2806. Mestleta irrecta.

Collection Swinhoe, Rangoon.

2811. Sonagara reticulata.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

2815. Azazia rubricans.

Collection Swinhoe, Calcutta, Nilgiri Hills, Rangoon.

2836. Doranaga apicalis.

Collection Swinhoe, Nilgiri Hills.

Group DELTOIDES.

Family HYPANIDÆ.

2844. Dichromia orosia.

Collection Swinhoe, Calcutta, Nilgiri Hills, Rangoon.

2846. Dichromia quadralis.

Collection Swinhoe, Sikkim, Rangoon.

2851. Anorathia paritalis.

Collection Swinhoe, Ceylon.

2861. Hypena abducalis.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

2862A. Hypena angustalis.

Hypena angustalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 317.
Damtana (Punjab).

2867. Hypena cidarioides.

Collection Swinhoe, Rangoon.

2868. Hypena cognata.

Collection Swinhoe, Nilgiri Hills.

2881. Hypena iconicalis.

Collection Swinhoe, Calcutta, Raipur (Central Provinces).

2888. Hypena laceratalis.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2894. Hypena mandatalis.

In Phayre Museum (Rangoon) from Rangoon.

2922. Hypena vecordialis.

Collection Swinhoe, Nilgiri Hills.

2924. Nolasena ferrifervens.

Collection Swinhoe, Rangoon.

2926. Marapana raralis.

Collection Swinhoe, Rangoon.

2928. Ophiuche mistacalis.

Collection Swinhoe, Nilgiri Hills.

Genus **Hormisa**.

2929A. Hormisa cramboides.

Hormisa cramboides, Butler, Ill. Typ. Lep. Het. B. M. iii, p. 62, pl. 56, fig. 6, (1879).
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 317.

Kala Pani (Punjab), Japan.

Family HERMINIIDÆ.

2930. Bleptina morosa.

Collection Swinhoe, Poona, Bombay.

2941. Dragana pansalis.

Collection Swinhoe, Andaman Islands, Rangoon, Calcutta, Mhow, Nilgiri Hills.

2970. Zanclognatha undulata.

Collection Swinhoe, Nilgiri Hills.
Also recorded from Darjiling.

2970A. Hydrillodes erythusalis.

Bocana erythusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 177, (1858).
Hydrillodes erythusalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 318.

Damtana (Punjab), Borneo.

2972. HYDRILLODES LENTALIS.

Collection Swinhoe, Nilgiri Hills.
In Phayre Museum (Rangoon) from Rangoon.

2986. NODARIA EXTERNALIS.

Collection Swinhoe, Rangoon.

3001. BOCANA MARGINATA.

Collection Swinhoe, Rangoon, Thanna (Bombay).
In Mr. Lindsay's collection from Nilgiri Hills.

3006. BOCANA VIRIDALIS.

[Erase *Indian Museum* and *Collection Swinhoe, Nilgiri Hills.*]

3009. BYTURNA DIGRAMMA.

Is identical with *Byturna cucullata*, No. 3008.

3010. AVITTA CERVINA.

Collection Swinhoe, Rangoon.

3014. LABANDA ACHINE.

Indian Museum, Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

3020. ASTHALA SILENUSALIS.

Collection Swinhoe, Rangoon.

3021. AGINNA ROBUSTALIS.

Collection Swinhoe, Rangoon, Nilgiri Hills.

3022. AGINNA SIMILIS.

Collection Swinhoe, Darjiling.

3023. AGINNA SIMULATA.

Collection Swinhoe, Thanna (Bombay).

3035. PASIRA INSCITIA.

Collection Swinhoe, Poona, Nilgiri Hills.

3044. ASTA QUADRILINEA.

Collection Swinhoe, Darjiling.
[Erase *Bombay.*]

Group GEOMETRITES.

Family EROSIIDÆ.

3049. Dirades adjutaria.

Collection Swinhoe, Andaman Isles, Nilgiri Hills.

3053. Dirades conchiferata.

Collection Swinhoe, Rangoon.

3072. Gathyna miraria.

Collection Swinhoe, Calcutta.

Family URAPTERYDÆ.

3108A. Urapteryx pluristrigata.

Urapteryx pluristrigata, Warren, Proc. Zool. Soc. Lond. 1888, p. 318.
Thundiani (Punjab).

Family ENNOMIDÆ.

3148. Hyperythra lutea.

Collection Swinhoe, Calcutta, Andaman Isles.
Thyetmyo, Rangoon.

3158. Angerona pallicostaria.

Collection Swinhoe, Andaman Islands.

3158A. Angerona stramineata.

Angerona stramineata, Warren, Proc. Zool. Soc. Lond. 1888, p. 319.
Collection Swinhoe, Thundiani (Punjab).

3195. Pyrinia phœnico-tæniata.

Pyrinia phœnico-tæniata, Kollar.
Warren, Proc. Zool. Soc. Lond. 1888, p. 319.
Kala Pani and Thundiani (Punjab).

Family OXYDIDÆ.

3211. Marcala sulphurescens.

Collection Swinhoe, Nilgiri Hills.

Family ÆNOCHROMIDÆ.

3241. Chilkasa falcata.

Collection Swinhoe, Rangoon.

Genus **Niphonissa.**

3249A. Niphonissa arida.

Niphonissa arida, Butler, Ann. Mag. Nat. Hist. 1878, i, p. 394.
——— Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Thundiani (Punjab), Japan.

Family AMPHIDASYDÆ.

3255A. Buzura varianaria.

Buzura panterinaria, Swinhoe (*nec* Bremer and Grey), Proc. Zool. Soc. Lond. 1888, p. 454.

Collection Swinhoe, Mhow, North Kanara.

Family BOARMIDÆ.

3284. Hemerophila subplagiata.

Menophra subplagiata, Walker.
——— Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Murree, Thundiani (Punjab).

3327. Boarmia iterata.

Alcis iterata, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Murree.

3338. Boarmia trikotaria.

Alcis trikotaria, Felder.
Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Thundiani (Punjab).

3340A. Alcis nudipennis.

Alcis nudipennis, Warren, Proc. Zool. Soc. Lond. 1888, p. 320.
Thundiani (Punjab).

3344. Burichura imparata.

Collection Swinhoe, Lanaoli.

3348. Catoria sublavaria.

Collection Swinhoe, Rangoon.

3349. Chogada alienaria.

Collection Swinhoe, Nilgiri Hills.

3363. Bylazora licheniferata.

I. M., Nilgiri Hills.

3376. Pingasa crenaria.

In Phayre Museum (Rangoon) from Thyetmyo.

3388. Hypochroma perfectaria.

I. M., Ranchi.

3406. Gnophos dispunctata.

Gnophos dispunctata, Walker.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Thundiani (Punjab).

3408A. Gnophos isometra.

Gnophos isometra, Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Akhor (Punjab).

3412. Gnophos obtectaria.

Gnophos obtectaria, Walker.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Abbottabad.

3413. Gnophos paerlita.

Gnophos paerlita, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Abbottabad.

3422. Petelia medardaria.

Collection Swinhoe, Rangoon.

3426A. Psyra debilis.

Psyra debilis, Warren, Proc. Zool. Soc Lond. 1888, p. 319.
Thundiani (Punjab).

Family GEOMETRIDÆ.

3450. Maxates cœlataria.

Collection Swinhoe, Rangoon.

3469. Thalassodes quadraria.

Collection Swinhoe, Andaman Islands, Calcutta, Rangoon.

3478. Thalera diatoamata.

Collection Swinhoe, Rangoon.

3480. Thalera disjuncta.

Collection Swinhoe, Nilgiri Hills.

3487. Nemoria carnifrons.

Collection Swinhoe, Nilgiri Hills.

3523. Agathia lycænaria.

Collection Swinhoe, Nilgiri Hills.

Family PALYADÆ.

3539. Eumelia aureliata.

Collection Swinhoe, Ceylon, Nilgiri Hills, Thyetmyo.

3546. Eumelia vulperaria.

Collection Swinhoe, Nilgiri Hills.

3547. Cacyparis insolitata.

Collection Swinhoe, Nilgiri Hills.

Family EPHYRIDÆ.

3573. Anisodes obrinaria.

Collection Swinhoe, Nilgiri Hills.

3577. Anisodes patruelis.

Collection Swinhoe, Nilgiri Hills.

3585. Borbaca pardaria.

Collection Swinhoe, Nilgiri Hills.

Family CABERIDÆ.

3604. Cabera mytylata.

Cabera mytylata, Guén.
Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Thundiani (Punjab).

Family MACARIDÆ.

3619. Tephrina cacavena.

Collection Swinhoe, Poona.

3620. Tephrina falsaria.

Collection Swinhoe, Nilgiri Hills.

3624. Tephrina modesta.

Collection Swinhoe, Nilgiri Hills.

3632. Gubaria fasciata.

Collection Swinhoe, Raipur, Central Provinces, Andaman Islands.

3634. Gubaria nora.

Collection Swinhoe, Nilgiri Hills.

3635. Gubaria xanthonora.

In Phayre Museum, Rangoon, from Pyentaza (Burma).

3638A. Gonodela fuscomarginata.

Gonodela fuscomarginata, Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Campbellpur (Panjab).

3641. Gonodela horridaria.

Collection Swinhoe, Nilgiri Hills.

3647. Gonodela streniataria.

Gonodela streniataria, Walker.
Warren, Proc. Zool. Lond. 1888, p. 323.
Campbellpur (Punjab).

3649. Gonodela vasudeva.

Collection Swinhoe, Rangoon.

3655. Azata ferruginata.

Collection Swinhoe, Rangoon.

3656. Azata quadraria.

Collection Swinhoe, Nilgiri Hills.

Family FIDONIDÆ.

3662. Sterrha paulula.

Collection Swinhoe, Campbellpur (Punjab).

3663. Sterrha sacraria.

Sterrha sacraria, Linn.
Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Campbellpur (Punjab).

Genus **Pseudosterrha.**

3663A. Pseudosterrha ochrea.

Pseudosterrha ochrea, Warren, Proc. Zool. Soc. Lond., 1888, p. 324.
Campbellpur (Punjab).

3665. Rumia mimulina.

Rumia mimulina, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 318.

3671. Phyletis inconspicua.

Phyletis inconspicua, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Thundiani, Kala Pani (Punjab).

3673. Phyletis meonaria.

Collection Swinhoe, Kurseong.

3674. Phyletis pelloniaria.

Phyletis pelloniaria, Guén.
Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Thundiani (Punjab).

3678. Epifidonia signata.

Epifidonia signata, Butler.
——————— Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Murree.

3681. Aspilates obliquaria.

Aspilates obliquaria, Moore.
Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Thundiani (Punjab).

3684. Corymica specularia.

Collection Swinhoe, Kurseong, Rangoon.

3691. Prionia squalidaria.

Collection Swinhoe, Raipur (Central Provinces), Rangoon.

Family ZERENIDÆ.

3729A. Abraxas diversicolor.

Abraxas diversicolor, Warren, Proc. Zool. Soc. Lond. 1888, p. 325.
Thundiani (Punjab).

3731. Abraxas fuscescens.

Abraxas fuscescens, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Thundiani (Punjab).

3733A. Abraxas intermedia.

Abraxas intermedia, Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Thundiani, Kala Pani (Punjab).

3746. Naxa textilis.

Collection Swinhoe, Nilgiri Hills.

3751. Ligdia coctata.

Ligdia coctata, Guén.
Warren, Proc. Zool. Soc. Lond. 1888, p. 325.
Kala Pani, Campbellpur (Punjab).

Family LARENTIDÆ.

3756. Lycauges relictata.

Acidalia (?) relictata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1629, (1866).
Lycauges relictata, Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Lycauges demissus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 456.
Collection Swinhoe, Mhow, Karachi, Tatta (Sind), Alibagh, (Bombay).
Also recorded from Campbellpur (Punjab).

3759. For *Larentia conturbata* read *Scotosia conturbata*.

Warren, Proc. Zool. Soc. Lond. 1888, p. 327.

3775. Eupithecia palpata.

Collection Swinhoe, Ceylon.

3776A. Eupithecia quadripunctata.

Eupithecia quadripunctata, Warren, Proc. Zool. Soc. Lond. 1888, p. 331.
Thundiani (Punjab).

3795. Remodes hirudinata.

Collection Swinhoe, Khandalla, Nilgiri Hills.

3800. Remodes proboscidaria.

Collection Swinhoe, Nilgiri Hills.

3801. Remodes remodesaria.

Collection Swinhoe, Nilgiri Hills.

3812A. Melanippe flavistrigata.

Melanippe flavistrigata, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
Kala Pani (Punjab).

3814A. Coremia livida.

Coremia livida, Butler, Ann. Mag. Nat. Hist. 1878, i, p. 449.
——— Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
Campbellpur (Punjab).

3818. Scotosia dubiosata.

Scotosia dubiosata Walker.
Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Thundiani (Punjab).

3819. Scotosia expansa.

Scotosia expansa, Moore.
Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Punjab.
Closely allied to *S. venimaculata*.

3821. Scotosia miniosata.

Photoscotosia miniosata, Warren, Proc. Zool. Soc. Lond., 1888, p. 328.
Thundiani (Punjab).

3821. Scotosia nigralbata.

Scotosia nigralbata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Collection Swinhoe, Thundiani (Punjab).

3841. Scotosia amplicata.

Cidaria amplicata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).
Photoscotosia amplicata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Indian Museum, Kulu (Young).
Collection Swinhoe, Kulu, Pegu.
Also recorded from Darjiling and Thundiani (Punjab).

3846A. Cidaria brevifasciata.

Cidaria brevifasciata, Warren, Proc. Zool. Soc. Lond., 1888, p. 330.
Thundiani (Punjab).

3868A. Cidaria rostrifera.

Cidaria rostrifera, Warren, Proc. Zool. Soc. Lond., 1888, p. 330.
Thundiani (Punjab).

3871A. Cidaria subrubescens.

Cidaria subrubescens, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
Berham Gully (Punjab).

3873A. Cidaria thomasata.

Cidaria thomasata, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
Murree, Thundiani (Punjab).

3885. Stammodes pamphilata.

Stammodes pamphilata, Felder.
——————— Warren, Proc. Zool. Soc. Lond., 1888, p. 330.
Thundiani (Punjab).

3891A. Thera consimilis.

Thera consimilis, Warren, Proc. Zool. Soc. Lond., 1888, p. 326.
Thundiani, Nandar (Punjab).

3893A. Ypsipetes undulata.

Ypsipetes undulata, Warren, Proc. Zool. Soc. Lond., 1888, p. 326.
Thundiani (Punjab).

3900A. Phibalapteryx nigripunctata.

Phibalapteryx nigripunctata, Warren, Proc. Zool. Soc. Lond., 1888, p. 328.
Thundiani (Punjab).

3900B. Phibalapteryx nigrovittata.

Phibalapteryx nigrovittata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Collection Swinhoe, Thundiani (Punjab).

Family EUBOLIDÆ.

3902. Docirava æquilineata.

Docirava æquilineata, Walker.
——————— Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Duntanar (Punjab).

3905. Docirava uvaria.

Docirava uvaria, Walker.
——————— Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Thundiani, Berham Gully (Punjab).

3907A. Anaitis efformata.

Anaitis efformata, Guén., Phal. ii, p. 500, (1857).
——————— Walker, Cat. Lep. Het. B. M., xxv, p. 1444, (1862).
——————— Warren, Proc. Zool. Soc. Lond., 1888, p. 331.

Collection Swinhoe, Nandar (Punjab), Syria.

Genus **Eubolia**.

3911A. Eubolia nasifera.

Eubolia nasifera, Warren, Proc. Zool. Soc. Lond. 1888, p. 331.

Thundiani (Punjab).

Family IDŒIDÆ.

3914. Idœa actuaria.

Collection Swinhoe, Nilgiri Hills.

3935. Idœa mutanda.

Idœa inductata, Walker, (*nom. preoc.*).
Warren, Proc. Zool. Soc. Lond. 1888, p. 322.

Campbellpur (Punjab).

3939. Idœa ligataria.

Collection Swinhoe, Rangoon.

3943A. Idœa pallida.

Idœa pallida, Warren, Proc. Zool. Soc. Lond. 1888, p. 322.

Thundiani (Punjab), Murree.

3947. [Erase *Idœa relictata*.]

3952. Idœa waikeri.

Collection Swinhoe, Rangoon.

3953. Craspedia addictaria.

In Phayre Museum (Rangoon) from Thyetmyo.

3958. Craspedia persimilis.

Craspedia persimilis, Moore.
Warren, Proc. Zool. Soc. Lond. 1888, p. 320.
Kala Pani (Punjab).

3961. Craspedia turpisaria.

Collection Swinhoe, Nilgiri Hills.

3968. Pseudasthena grataria.

Collection Swinhoe, Nilgiri Hills.

3983A. Asthena ochracea.

Asthena ochracea, Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Thundiani (Punjab).

3987. Asthena urbica.

In Phayre Museum (Rangoon) from Moulmein.

3991. Timandra convectaria.

Collection Swinhoe, Rangoon.

3995. Somatina anthophilata.

Collection Swinhoe, Raipur (Central Provinces), Rangoon, Moulmein.

4006. Luxiaria exclusa.

Collection Swinhoe, Rangoon.

Family MICRONIDÆ.

4012. [*For* Micronia grannata *read* M. gannata.]

4013. Micronia obliquaria.

Collection Swinhoe, Rangoon.

4016. Strophidia fasciata.

Collection Swinhoe, Rangoon.

4023. Acroptera vagata.

Collection Swinhoe, Andaman Islands, Rangoon.

Group PYRALES.

Family HYDROCAMPIDÆ.

Genus **Mixophila.**

4438A. Mixophila erminea.

Crambus ermineus, Moore, Lep. Ceyl., iii, p. 380, p. 184, fig. 7. (1886).
Mixophila erminea, Meyrich, Trans. Ent. Soc. Lond. 1887, p. 269.

Collection Swinhoe, Ceylon.

Government of India Central Printing Office.—Nos. 25 & 26 I. M.—7-5-89.—400.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

Colonel C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part VII.—INDEX, &c.

115-23 h

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1889.

Presented

by

The Trustees

of

The Indian Museum.

A

CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part VII.—INDEX, &c.

CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1889.

PREFACE.

THIS catalogue, which comprises all the known moths of the Indian region, including Burma and Ceylon, aims at being a handbook of reference for Indian naturalists who interest themselves in the moths of the country.

No pains have been spared in its compilation, which has taken more than three years to accomplish, but the work has presented exceptional difficulties owing to the fact that no satisfactory classification was in existence. Old authors were content to describe all Indian moths under the generic names of Sphinx,, Bombyx, Phalæna, Noctua, &c., while hardly any two modern writers adopt one classification. The type specimens, from which the species were originally described, are mostly the property of museums and private individuals in Europe; working in India therefore, where it is impossible to examine these types, it has been necessary to adopt many species, which will probably prove, on further examination, to have been founded upon characters of too trifling a nature. It is hoped, however, that the errors and imperfections, which a work of this kind must necessarily contain, will not seriously detract from its usefulness.

The work is published by the Trustees of the Indian Museum, and the thanks of the compilers are also due to the following:—Mr. F. Moore, who has examined many types in the British Museum, determined specimens, and given his invaluable help in the revision of the whole catalogue; Mons. Ragonot, who has taken much trouble in revising and classifying the Crambites; and Lord Walsingham, who has given assistance and advice with reference to the Tortrices.

INDIAN MUSEUM,
May 1889.

N. B.—References that are marked with an asterisk (*) in the catalogue have not been verified by the compilers.

INDEX.

[A letter following a number denotes that it is to be found in the Addenda only; a cross (×) following a number denotes that it is to be found both in the Catalogue and in the Addenda.]

A

abactalis 2838.
abavalis 2965.
abbreviatellus 4692.
abdicalis 4310.
abdominalis 827, 856, 932A, 1656.
abducalis 2861×.
abhadraca 3550.
abietina 180.
abjudicalis 2975.
abjunctalis 4111.
abjungalis 4111.
ablactalis 4082.
ablualis 2939.
ablunata 3664.
abnegatalis 4436.
abnormis 3792.
abõe 1615.
abraxalis 4313.
Abraxas 3727×, 3729A, 3733A.
Abraxas 3119, 3718, 3719, 3720, 3721, 3722, 3726.
Abrostola 2184.
Abrostola 1199.
abrupta 2798, 3073.
abruptalis 4341.
abruptus 1581.
absconditaria 3558, 3912.
absentimacula 2632.
absimilis 2862.
absistalis 4338.
absolutalis 4332.
abstracta 1499.
abstractaria 3134, 3222.
abstrusalis 4239.
abstrusalis 4112.
acaciusalis 4439.
acamasalis 4328.
Acantholipes 2690×.
acanthusalis 2320.
Acara 4667.
accerrimalis 4118.
accessalis 4437.
accingalis 2745×.
accipiens 2263×.
accipiter 2261.
accipitraria 3403.
acciusalis 4658.
acclaralis 4389.
accuralis 2940.
acerba 1827.
acervalis 2690.
Achæa 2623×.
Achæa 2583, 2584, 2586, 2652.
Acharana 4112.
Acharya 2752.
achatina 2658
achatina 2666, 2675.
Acherontia 164.
ACHERONTIINÆ 164.
achillaria 3046.
achine 3014×.
achromaria 3199.
Achrosis 3703.
Acidalia 3232, 3594, 3755×, 3756A, 3912, 3913, 3914, 3915, 3916, 3919, 3920, 3921, 3922, 3923, 3924, 3926, 3927, 3928, 3929, 3930, 3931, 3933, 3935, 3937, 3939, 3940, 3941, 3942, 3943, 3944, 3945, 3946, 3947, 3948, 3949, 3950, 3952, 3953, 3954, 3956, 3957, 3961, 4006.
Aciptilia 4543, 4549.
Aciptilus 4546, 4548.
acisalis, 4649.
Acontia 1827×, 1838A.
Acontia 1805, 1806, 1825, 1852, 1858, 1860, 1861, 1863, 1865, 1866.
ACONTIIDÆ 1803.
acontiodes, 2799.
aconyta 1457.
Acosmeryx 44.
Acosmetia 2125, 2126.
acreonalis 4719.
Acrobasis 4563.
Acrobasis 4589, 4635, 4734.
Acræa 367.
Acronycta 1767.
Acronycta 774, 1765.
acronyctoides 1584, 2352, 2432.
Acropteris 4020×.
Acrosema 1513, 1519.
acteus 53.
Actias 1531.
actiosaria 3913.
actiosella 4558.
actorionalis 4177.
actorionalis 4182.
actuaria 3605.
aculeata 4012.
acuminata 3709.
acuta 52, 1511, 2664, 3559.
acutaria 3914×.
acutata 3687.
acutissima 3475.
acutipennis 3144, 4822.
acyphas 878.
adala 1318×.
adalifa 406.
adamata 3305.
adaptella 4631.
addictaria 3953×.
adductalis 4263.
Adela 4824.
ADELINÆ 4824.
adeptaria 3915.
adhæsalis 4109.
Adisura 1745×.
adita 664.
aditellus 4671.
adites 646.
adjuncta 1931.
adjurella 4682.
adjutaria 3049×.
admensalis 4083.
admigratella 4686.
admissaria 3309.
admixtalis 4110.
admixtaria 3785.
admotella 4683.
adolphei 1413×.
Adrapsa 2939.
Adropsa 732.
Adris 2482.
adscita 245, 288.
adulans 1883.
adulatrix 308.
adumbrata 3120.
adusta 1657, 2600.
adustata 3175.
ædea 367.
Ædia 1839.
Ædiodes 4239, 4247, 4277, 4278, 4279.
Ægeria 192.
Ægeria 191.
ÆGERIIDÆ 188.
Ægilia 2382.
Ægocera 345.
ægoceroides 340.
ægrota 59, 642, 3234.
Æmene 710×, 710A, 711A.
ænea 2405.
ænealis 4264.
æneella 4936.
ænescens 1426.
ænigmatica 3033.
ÆNOCHROMIDÆ 3222.
æolusalis 4573.
æqualis 4041.
æquilineria 3235.
æquilineata 3902×.
aerata 3758.
ærata 3196.
æreus 3404.
æriferalis 4309.
Æschremon 4364.
Æschropteryx 3117.
Æthia 3039.
Ætholix 4277.
affictitia 11.
affinialis 4396.
affinis 272, 407, 1101, 1368, 2691, 3216, 3837.
affinisana 4746.
affixella 4845.
afflicta 309.
afflictalis 4278.

afghana 211, 2274 ×.
Agalope 429.
Aganais 531.
Aganopis 512.
Agarista 322, 340.
AGARISTIDÆ 308.
Agastia 4523.
Agathia 3516×.
Agathia 3512.
Agathodes 4282.
Agathodes 4283.
agens 2182.
Aginna 3021 ×.
Aglossa 4500.
agnatella 4846.
Agnibesa 3999.
Agnidra 1253.
Agonista 2496.
Agonyx 63, 65.
agramma 2153.
Agriopis 2434, 2435.
Agrisius 544.
Agrius 168.
Agrophila 1879.
Agrotera 4279.
Agrotis 2006, 2022, 2024, 2121.
Agrotis 1980 ×.
Ajaia 3229.
akbarella 4590.
Akesina 491B.
Alamis 2104, 2446, 2456. 2472.
Alamis 2451 ×.
Alana 3423.
Alaria 1743.
Alata 4601.
Alavona 4807.
alba 479, 1084, 1085, 3600, 3602.
albannularia 3474.
albata 408.
albatella 4847.
albatus 3754.
albescens 975 1128 2152, 2336.
albiangularia 3523.
albicans 139, 554.
albicans 1500.
albicincta 2537.
albicincta 2455.
albicinctus 2537.
albicola 2433.
albicollis 1091.
albicosta 1626, 1658, 1702, 3039.
albicostalis 4601.
albida 1890.
albidalis 4042.
albidaria 3310.
albidens 2423.
albidentata 3292.
albidilinea 2069.
albidisca 1642A, 1932.
albifascia 435, 872, 1205,2275.
albifascia 2553.
albifascialis 4262.
albifera 3133, 3288.
albifinis 561.
albiflexura 2067.
albifrons 218, 3178, 4360, 4933.
albifrontata 3989
albigeralis 4595.
albigirata 3838.
albilinea 2498.
albilinea 2523.
albinota 1945.
albinotalis 2991.
albiorbis 1795, 2249.
albipars 1422.
albipennis 4720.
albipes 493.
albipuncta 1305×.
albirena 2068.
albirenalis 2950.
albirenella 4721.
albisigna 2856.
albistigma 1659, 1774.
albistriga 761, 1149.
albitibia 2236.
albivena 1711.
albivitta 2406, 2659.
albociliata 4232.
albocinerea 574.
albodentata 959, 2373.
albofascia 3676.
albofasciata 1585×, 3286, 3839.
albofasciatus 1616×.
albofasciella 4838.
alboflavalis 4030.
albolunata 2707.
albolunulata 999.
albomaculata 2083, 3917.
albomarginata 310×.
albonotata 1235.
albopunctata 2457.
alborosea 656.
albosignata 1977, 2494, 3918.
albotecta 2407.
alboviridis 3430.
albovitella 4606.
albovittata 1956, 2499, 3829.
alciphron 528×.
Alcis 3340A, 3341.
Alcis 3400.
alconalis 4518.
alecto 83×.
Aletia 1702×, 1705A, 1705B.
aleuca 2369.
aliena 2656×, 3840.
alienaria 3349×.
alienata 3691.
alienella 4848.
alienellus 4830.
aliferella 4875.
aliris 400.
allalis 4519.
Allata 4640.
alliciens 1225.
almaria 3395.
Almodes 3549.
Aloa 813.
Aloa 761, 762, 763, 776, 788, 789, 791, 793, 795, 796, 811.
alompra 368.
Alompra 1337.
Alope 778.
Alope 478, 1047.
alope 2756×.
Alpenus 823.
alphea 1734.
Alphæa 856, 859, 861.
alterata 1369.
alterna 192×.
alternans 2215.
alternata 1643, 4378.
alternella 4849.
alternus 1129.
alticola 4550.
Alucita 4553.
amabilis 657, 1909, 2612.
amanda 3725.
amandatella 4792.
amatrix 311.
Amaurinia 3470.
Ambadra 1233×.
Ambala 4627.
ambidens 2585.
Amblychia 3401.
Amblypterus 72, 186.
amblyptilia 4539.
amboinæ 1513.
AMBULACINAE 118.
Ambulyx 118×, 127A.
Ambulyx 138.
Amerila 764, 766.
Amesia 400.
Ametris 3545, 3546.
amicella 4850.
Ammatho 696.
ammonia 2676×.
amœna 281.
amœnalis 4250.
Ampelophaga 49×.
AMPHIDASYDÆ 3250.
Amphidasys 3250.
Amphigonia 2757×.
AMPHIGONIDÆ 2756.
Amphipyra 1886, 2304, 2305
Amphipyra 2254, 2256A.
AMPHIPYRIDÆ 2254.
Amphissa 763.
amphitritalis 4209.
amphix 2333.
ampla 1028, 1491, 1505, 3354.
amplicata 3841×.
amputata 3198.
Amraca 3352.
Amrella 2270.
Amsacta 1089.
Amydona 1453, 1455, 1456.
amygdalis 2660.
Amyna 2104×.
Amyna 2088.
amynoides 2712.
amyntusalis 4339.
anada 1370.
Anagnia 539.
Anaitis 3906×, 3907A.
Anaitis 3904, 3905.
anaitisaria 3919.
analis 2661×.
Analtes 4115.
Anarsia 4841.
Anarta 1963.
Anaxila 1039.
anaxisalis 4043.
anceoides 45.
Anceryx 71, 179, 180.
anceus 46.
anchora 480×.
ancilla 2475, 2595.
Ancylolomia 4708.
Ancylolomia 4712, 4714.
ANCYLOLOMIDÆ 4708.
Andala 772.
andamana 116, 148, 496, 592, 636, 1558, 3074, 3099.
andamanalis 4265.
andamensis 107.
andersoni 219, 3075.

Andraca 1328.
anella 4732.
Anerastia 4631.
Anerastia 4625, 4628, 4630.
ANERASTINÆ 4612.
Anercuthina 2649 ×.
Angerona 2571.
Angerona 3156 ×, 3158A.
angeronaria 3401.
Angeronia 3158 ×.
angulalis 4387.
angularia 3166.
angulata639A,2334,2382,4415.
angulifascia 2857, 3146, 4440.
angulifera 595, 889, 1068, 1703, 1853, 2800, 3425.
angulina 2763.
angulipalpis 2286.
angulipalpus 2286.
angulipennis 2270, 2852, 4492.
angusta 4898.
angustalis 2862A.
angustalis 4262.
angustella 4851.
angustipennella 4556.
anila 643 ×.
animosella 4852.
anisodactylus 4542.
Anisodes 3558 ×.
Anisodes 2811, 3585, 3586, 3590, 3997.
Anisoneura 2530.
Ankova 4568.
anna 1545.
annulalis 4044.
annuligeralis 4306.
annusalis 4722.
Anodapha 2446, 2447.
Anodonta 1160.
Anomis 2239, 2240.
Anophia 2352.
Anophia 2351.
anophioides 2184.
anops 2555 ×.
Anoratha 2850×.
Anoristia 4599.
Ansa 2599.
antecedens 2340.
antennata 2228.
Anteyra 1090.
Antheræa 1354, 1554, 1555, 1569, 1571, 1572.
Antheræa 1558 ×, 1560A.
antheræata 1394.
Antheræopsis 1559.
Antheua 1136.
Anthœcia 1752.
Anthophila 1880.
Anthophila 1748, 1854, 1879.
anthophilata 3995 ×.
ANTHOPHILIDÆ 1879.
anthredoniformis 196.
antica 624×, 933, 1039, 2458, 2546.
antica 867, 994, 1090.
anticalis 4601.
Anticlea 3807.
anticleata 3179.
Anticyra 1090.
Anticyra 1135.
Antigastra 4131.
Antipha 1039.
Anuga 2208.
Anumeta 2190.
anysa 2443.
Apamea 2049.
apameoides 2093.
APAMIIDÆ 2040.
Apanda 2854.
Apatela 1781.
Apela 1181.
apericns 220, 1294.
aperta 3431.
apertalis 4333.
apertura 2118.
Apha 1341.
Aphandala 2944.
Aphendala 1294, 1296A.
Aphusia 502.
apicalis 562, 902×, 960, 1087, 1130, 1139×, 1280, 1525, 2086, 2351×, 2368, 2500, 2657×, 2836×.
apicalis 1141, 2470.
apicata 1323, 3130, 3242.
apicipunctella 4844.
apidanusalis 2951.
Apocalypsis 173.
Apona 1349 ×.
Apona 1340.
Apopestes 2303.
Aporodes 4362.
Appana 1975 ×, 1975A.
apparitella 4921.
Apphadana 2943.
Apphadana 2941.
approximata 1090.
Aprata 487.
apricans 2232.
aprobola 4759.
apsara 993.
Apsarasa 1781.
aptatella 4853.
Apurima 4653.
apus 5.
aquatilis 4229.
aquila 21.
aquilina 1980.
arabica 1879.
Arachotia 393.
arama 658.
Aramuna 1924.
Arasada 2328.
Araxes 4634, 4686, 4687, 4688, 4689.
Arbela 1603.
Arbudas 477.
archesia 2697 ×.
archon 2484.
Arcilasisa 1699.
arctata 460.
Arcte 2342 ×.
Arcte 2596.
arctella 4854.
Arctia 759, 783, 811, 837, 857, 860.
Arctia 751.
ARCTIIDÆ 751.
arctotænia 2662×.
arcuata 675,1803,2663×,3516.
ardealis 4045.
Ardices 861.
ardices 857.
Ardonis 3784.
Areas 810.
Areas 818, 820.
arefacta 2698.
arenacea 2105, 2767.
arenacea 941.
arenaria 3617.
arenatella 4793.
arenosa 1514, 3223.
arenosaria 3560.
Arestha 1090.
argadesa 2474 ×.
argentalis 4500.
argentata409,1161,4650,4708.
argentea 1056, 1193.
argentea 1127.
argentifera 1167, 1306.
argentilinea 3140.
argentilineata 3842.
argentula 1854.
argiadesalis 4574.
Argidava 3591.
Argina 741×.
Argiva 2534 ×.
Argiva 2533.
Arguda 1476.
argus 741×, 798.
argutaria 3476.
Argyria 4707.
argyriodactyla 4539.
argyriodactylus 4539.
Argyris 1258.
Argyris 1258A, 1259×.
argyrosigna 1224, 2154.
Argyrostrotis 1854.
Arichanna 3829.
arida 3249A, 4352.
Ariola 1789.
Ariola 2375.
Aripana 4309.
Aristhala 1112.
aristifera 1981.
armata 1629.
armiger 1730.
armigera 1730.
Arna 902.
arnearia 3682.
Aroa 869.
Aroa 1032.
arracanensis 1094.
Arrade 4527.
Arsacia 1230.
Arsilonche 1709.
Artaxa 902×, 918A.
Artaxa 924, 968.
artaxoïdes 1725.
Artena 2684 ×.
Arthisma 2235 ×.
artina 221 ×.
artocarpi 676 ×.
Artona 292 ×.
Artona 300.
Arucha 4601.
aruna 312.
Arunda 1116.
aryama 1000.
asclepiades 1362.
ashtaroth 204.
asialis 4034.
asiatica 4937.
asiaticus 181.
asiliformis 41, 205.
asoetria 1001.
asoka 212.
Aspcpia 4256.
Aspcpia 4119, 4251, 4253, 4254, 4338, 4339, 4341, 4343, 4346, 4347, 4349, 4358, 4367, 4446, 4453.

ASOPIDÆ 4237.
aspersa 2287.
aspersata 99.
Asphalia 1644E.
aspilataria 3920.
Aspilates 3679 ×.
Aspilates 3148, 3195, 3620, 3621, 3663, 3905.
assama 1559.
assamensis 64, 4918.
assamensis 1559.
assamica 677, 4441.
Assara 401.
assimilis 18.
Asta 3044 ×.
Astacuda 3354.
astarte 195.
Asthala 3020 ×.
Asthena 3983A, 3984 ×.
astheniata 4025.
astræa 764.
Astrapetis 1937, 1941.
astrea 742.
astreus 742.
Astura 4033.
Astura 4031, 4032, 4324.
asylas 1586.
aterea 222.
atereus 222.
Athetis 2108.
Athyrma 2386 ×.
Atkinsoni 190, 1223 ×, 305, 455, 484, 1740, 1745, 2337, 4691.
Atkinsonia 4940.
atkinsonii 3803, 4487, 4491, 4691, 4824.
atlas 1535.
atlitalis 4204.
Atolmis 629.
atomaria 903, 934.
atomosus 4543.
Atossa 457.
atralba 466.
atrata 555.
atratus 474.
atromacula 3031.
atropos 164, 166.
atrosignata 2190.
atrostigmella 4657.
atrostipata 3276.
atrotumens 3547.
atrovirens 1758, 1933.
attacicola 2578 ×.
Attacus 1535 ×.
Attacus 1354, 1534, 1564, 2533.
attentata 3921.
attenuata 485, 3767.
Atteva 4914.
ATYCHINÆ 4780.
Aucha 2349.
Auchmis 1652.
Aurana 4558.
aurantia 2481.
aurantiaca 717, 878A, 2579, 4873.
aurantiana 4767.
aurantiaria 3843.
aurata 282, 1150, 2064.
auratus 282.
aurea 4046.
aureata 3653.
aureliata 3539 ×.
aureola 1722.
aureolalis 4047.
aurifera 60.
aurifera 2155.
auriflava 588.
auriflua 586, 1371, 4655.
aurifusella 4615.
aurifusellus 4615.
aurigena 3845.
aurigera 1946.
auricilla 4923.
aurilimbata 3076.
auripennis 128.
auripicta 2181 ×.
auriplena 1925.
auritipalpus 4611.
auritracta 1154.
aurivittatus 4693.
aurogrisea 1265.
aurolinealis 4320.
auroralis 4319.
auroviridis 1949.
austeni 224, 313.
Autoceras 715.
automedon 65 ×.
Autophila 1886.
auxialis 4286.
Auxima 3234, 3235, 3237, 3239.
Auxomitia 4221.
Auzata 1257.
Auzea 3242.
Auzea 3227.
Avatha 2654.
aventiaria 3990.
aversa 1982.
avicularia 3432.
Avitta 3010 ×.
axiopœna 2273.
Axylia 1712 ×, 1715A.
Ayelena 3190.
Azata 3655 ×.
Azazia 2815 ×.
Azelina 3633.
Azinis 4918.

B

baccaliæ 2801.
baccata 3895
Bacotoma 4111.
badia 1828.
Bagada 1876.
bala 343.
Ballatha 3547, 3548.
balux 1899.
Bambalina 489.
bambucivora 4129.
bambusalis 4084.
Bamra 2432.
bandura 1280A.
Banepa 4491.
Bankia 1853.
Bankia 1907.
bankiana 1854.
Baorisa 1788.
baptalis 4312.
baptodactylus 4544.
Baradesa 1216.
Barandra 491C.
Barathra 2069.
barbara 1734.
barbarella 4807.
Bardanes 3983.
Bargosa 3421, 3422.
Barhona 1083.
Baroda 4626.
Barsine 694 ×.
Barsine 662, 663, 686 ×.
Baryaza 1062.
basaliella 4891.
basalis 314 ×, 429, 491B, 904, 1040, 1168, 1190, 1206, 1272, 1456, 1633, 1855, 2049, 2431, 2726, 2996, 4333, 4479.
basalis 867, 2241.
Basiana 127, 158, 159, 160, 161, 162, 163.
basiclavis 2024.
basifascia 2408.
basifera 1829.
basiflava 450.
basiflavata 3371.
basifurca 1044.
basifuscalis 4559.
basigera 600.
basimaculata 360 ×.
basinigra 1002.
basinota 614.
basipuncta 3180.
basisignum 2601.
basistriga 607, 1143, 1168A, 2008, 4709.
basistrigalis 2863.
basistrigaria 3277.
basivitta 1035.
bastialis 4442.
batis 1624.
batus 98.
bauhiniæ 4943.
Bazisa 1071.
Beara 1211.
beata 3517.
beatrix 1003 ×, 1726.
beema 615.
Belgoræa 1326.
Belippa 1322.
Belippa 1323.
belis 18.
bella 4679.
bellatrix 315.
bellissima 659, 3077.
bellona 3078.
belluaria 3713.
belucha 2106.
Bematha 3024.
Bembina 1087.
BENDIDÆ 2575.
Bendis 2575, 2631,
benenotata 2440A.
bengalensis 28, 1102, 4428.
bengaliaria 3250.
berberisæ 1130A.
Beregra 2573.
berinda 225.
Berresa 2040 ×.
Berrhæa 1945.
Berta 3496.
Bertula 2975.
Bertula 2989, 2994.
Besaia 1142.
Beterusia 369.
bhaga 115 ×.
bhana 976.
Bharetta 1327.
bhascara 1014.
bheroba 1492.
Bhima 1509A.

bhira 1488.
bhurmitra 3311.
bianca 660.
biangulata 2864.
biangulifera 3658.
biatomea 3034.
Bibacta 2967.
bicaudata 3922.
bicincta 226.
bicolor 155, 363, 390, 477, 873, 1218 ×, 1281 ×, 1767, 3846, 4178, 4350.
bicolorata 3972.
bidens 3050.
bifacies 2192.
bifasciata 7 ×, 451 ×, 1659A, 1891, 3451.
bifasciata 641, 2697.
bifurcalis 4117.
bigutta 893, 935.
biguttata 789.
bijungens 2750.
bilinea 3786.
bilinealis 4406.
bilineata 3236.
bilineata 159, 3588, 3973, 4511.
bilineatella 4642.
bilineolalis 4120.
bilineosa 2475.
bimacula 345 ×.
bimaculata 854, 936, 1506, 1726A, 4231.
bimaculella 4632.
binghami 417.
binorbiculata 2732.
binotata 3051.
binotatum 566.
Binsitta 4878.
bioccellata 1140.
bioculalis 1236, 2501, 3025.
bipars 216, 563, 866, 1138, 1873.
bipartita 965, 2727.
biplagella 4713.
biplagiata 3498.
bipunctalis 4240.
bipunctanus 4734.
bipunctata 1328.
bipunctifera 4661.
Bireta 1185.
Birtha 2187.
bisectalis 4403.
biseriata 3433.
biseriatus 823.
bisignatus 4662.
bistrigalis 4314.
bistrigata 1660.
Bithia 4006.
Bithiasa 2997.
bivitellus 4668.
bivitralis 4179.
bivitta 626.
bivitta 1727.
bivittaria 3167.
bivittata 1022, 1587, 1727 ×, 2809.
Bizone 656.
Blabophanes 4789.
blandialis 4416.
blandiella 4885.
blandulella 4887.
Blenina 2263 ×.
Bleptina 2930 ×.
Bleptina 2931 ×, 2932, 2936, 4489.
blitealis 4227.
blitearia 3894.
boaria 3606.
Boarmia 3309 ×.
Boarmia 3156, 3257, 3258, 3259, 3282, 3305, 3344 ×, 3345, 3347, 3348, 3349, 3351, 3353, 3358, 3365, 3366, 3370, 3378, 3405.
boarmiaria 3370.
Boarmidæ 3260.
boarmioides 2360, 2446 ×, 3256.
bobi 1515.
Bocana 2996 ×.
Bocana 2970A, 2971, 2975, 2987, 2988, 2992, 2993, 3007, 3009, 3014, 3018, 3020, 3021.
Bocchoris 4278.
boerhaviæ 85.
bolina 3618.
Bolina 1637.
bolinoides 2348, 2370 ×.
bombayensis 4417.
bombycaria 3139.

BOMBYCES 188.

BOMBYCIDÆ 1091.
BOMBYCOIDÆ 1758.
bombylans 16.
bombyliformis 196 ×.
bombyliformis 199.
bombylipennis 196.
Bombyx 1094.
Bombyx 739, 748, 749, 780, 787, 818, 867, 908, 941, 1003, 1101, 1102, 1103, 1104, 1105, 1106, 1354, 1385, 1410, 1413, 1414, 1415, 1457, 1458, 1463, 1500, 1535, 1537, 1564, 1566, 1576, 1579, 1592, 1786, 1879, 2061, 2016, 2485, 3084, 3086.
Bomochroa 1394.
Bomolocha 2923.
boopis 2532.
bootanalis 4278.
Boradia 366.
Borbacha 3585 ×.
Borolia 1700.
Borsippa 2318.
Bostra 4525.
boteralis 4095.
botydata 3750.
BOTYDIDÆ 4028.
Botyodes 4034.
Botys 4041.
Botys 3776, 4028, 4029, 4031, 4034, 4040, 4082, 4083, 4086, 4088, 4091, 4095, 4096, 4101, 4103, 4104, 4105, 4106, 4107, 4108, 4109, 4110, 4111, 4112, 4113, 4115, 4116, 4118, 4119, 4120, 4121, 4122, 4124, 4131, 4132, 4137, 4138, 4139, 4140, 4142, 4143, 4144, 4146, 4149, 4161, 4165, 4166, 4167, 4168, 4169, 4170, 4172, *Botys* 4178, 4186, 4203, 4205, 4236, 4250, 4263, 4267, 4271, 4272, 4274, 4276, 4278, 4299, 4306, 4328, 4333, 4334, 4337, 4338, 4339, 4341, 4343, 4345, 4349, 4355, 4359, 4363, 4366, 4367, 4369, 4436, 4510, 4530.
Brabira 3803.
Brachylia 1584.
Brachytera 1419.
bractealis 4512.
bractearia 3196.
bracteata 1307.
bracteolalis 4436.
bractiatella 4443.
Brada 1119.
brahma 1485.
Brahmæa 1576.
Brana 2385.
brassicæ 2069.
braurealis 4303.
bremusa 2107.
brevialis 4171.
brevifasciata 3846A.
brevilinea 1308.
brevilinealis 4048.
brevipalpis 2446.
brevipennis 580.
brevivitta 905.
brevivittalis 2976.
Briarda 2339 ×.
Briarda 2370, 2436, 3010.
Brihaspa 4657.
brizoalis 4659.
Bronchelia 3400.
brotea 1024.
Brotis 2843.
Brunia 624 ×.
brunnea 596, 601, 829, 1169 2237, 2502.
brunneovittella 4633.
brunnescens 977, 4663, 4831.
bryana 4760.
Bryophila 1774 ×, 1777A.
Bryophila 3018.
BRYOPHILIDÆ 1774.
bryophilina 2375.
bubastus 72.
bubo 2533.
Bucæa 771 ×.
buddha 1458.
bugosalis 2940.
Bulina 4706.
bulla 1880.
Burdria 2397.
Burichura 3344 ×.
busiris 62.
Butalis 4935.
buthusalis 4775.
Buzura 3254 ×, 3255A.
Bylazora 3362 ×.
byssina 1661.
Byturna 3008 ×.

C

Cabera 3593 ×.
Cabera 3554.
Caberalis 4310.
CABERIDÆ 3593.
Caberodes 3199.
Caberodes 3587.

Cabiralis 4310.
Cabragus 4611.
cacavena 3619 ×.
cachara 1570.
Cachura 4946.
Caccëcia 4739.
Cacyparis 3547 ×.
cadambæ 1582.
Cadarena 4124.
Cadphises 361 ×.
Cadra 4646.
Cadrusia 1079.
Caduca 2456.
caduca 2746.
cælatalis 4365.
cæsalis 4304.
cæsaria 3923.
cæsella 4687.
cajeta 2476.
cajeta 2477.
calamaria 585, 649A, 1741.
calamina 3214.
calamistrata 1950, 2087, 2556, 3336, 3847.
Calamotropha 4691.
Calarina 4721.
Calasymbolus 151.
calcearia 3163.
calcula 3723.
Calduba 2233.
caldusalis 4049.
calefasciens 2633 ×.
Calesia 2638.
Calesia 2642 ×.
caletoralis 4233.
Calicha 3285.
Calicula 2368.
calida 2835.
calidalis 4180.
caligata 3561.
caliginosa 1372, 2503, 2699.
caliginosa 2849.
caliginosalis 2849.
Caligula 1570.
Callabraxas 3725.
Callænia 1528.
Callamesia 401.
Callamesia 404.
callichlora 504.
Callidrepana 1252.
Callidula 480 ×.
CALLIDULIDÆ 480.
calligramma 997.
Callimorpha 730.
Callimorpha 402, 441, 478, 551, 779.
Calliomma 72.
Callipia 3886.
callisoma 811.
Callitomis 263.
Callizygæna 291.
Callopistria 2218 ×.
Callopistria 2226.
Calluga 3790.
Callyna 2389.
Calogramma 2137.
calopasa 2385.
Calophasia 1821.
Calophasia 1864.
calopistrioides 2045.
Caloptera 1263.
calorifica 2636 ×.
Calpe 1218 ×.
Calpenia 542.
CALPINÆ 1218.
Caltura 1085.
Calymera 1787.
Calymma 2844.
Calymnia 186.
Camadena 4388.
camillalis 4130.
campana 2630 ×.
Camptogramma 3894.
Camptogramma 3895.
Camptoloma 566.
Campylotes 455.
cana 1295.
canaliferalis 3030.
canaraica 517, 1373, 1662.
candida 731, 4841.
candidula 816.
candidula 813.
candidulalis 4665.
Candiope 4569.
Candyba 1326.
Canerkes 349.
canescens 2070, 2008A.
canescens 2411.
Cangetta 4331.
Cania 1321.
canidorsata 3269.
Canna 1820, 1820A.
Canningii 1536.
canorufa 2099.
Canthelia 4570.
capella 2756.
capetusaria 3224.
Capissa 588 ×.
capitata 3119, 3423.
Capnodes 2778.
Caprilia 3682, 3684.
caprimulgus 2534.
captiosalis 2972.
captiosella 4880.
cara 1004.
Caradrina 2105, 2110A.
Caradrina 1982, 2110A, 2110B, 2122.
caradrinoides 2119.
Carandana 1852.
Caragola 1078.
caranea 2575.
Caranilla 2637 ×.
Carbisa 864.
Carcinopyga 767.
cardinalis 421.
Carea 1120 ×.
CAREINÆ 1114.
caricæ 528.
Carige 3657.
carinata 3312.
carinenta 3312.
carinentaria 3312.
caritaria 3365.
carnatella 4616.
carnea 4560.
carnealis 4050.
carnearia 3236, 3562.
carnecolor 1004A.
carnella 4588.
carneola 366, 1083.
carnifrons 3487 ×.
Carpocapsa 4767.
Casama 1779.
caschmirensis 1445.
Caseata 4020.
cashmirensis 213, 1349, 1583, 1821, 2186.
casigneta 829 ×.
Casmara 4820.
cassidaria 3499.
cassimella 4711.
cassusalis 4320.
Castabala 729.
castanea 57, 1211, 1481, 1974, 2733, 2820.
castanealis 2865.
castanearia 3245.
castaneipars 1309, 1920.
castanoptera 1374, 1427, 1499B, 4505.
castor 52, 54, 55.
Cataclysta 4415.
Cataclysta 4367, 4403, 4414.
Catada 2713, 2972.
Catada 2987.
catagela 4682.
catalaunalis 4131.
catamita 482.
catapyrrha 26.
catena 1825 ×.
catenaria 3727.
catenaria 3522.
catenata 2459.
catenula 1826.
Catephia 2347 ×.
CATEPHIDÆ 2339.
Catocala 2274×, 2278A, 2279A.
Catocala 339, 2344.
CATOCALIDÆ 2274.
catocalina 338, 1081, 2259.
catocaloides 2504.
Catoria 3346 ×.
caudaria 4016.
caudata 4016, 4017.
caudata 351, 458 ×.
caudularia 3488.
Cauninda 2697 ×.
Caustoloma 3144.
caustolomaria 3683.
cautella 4586.
Caviria 1064.
Ceira 1143.
Celæna 2099, 2101.
celatalis 4132.
celebraria 3924.
Celeia 1154.
celerio 88.
Celesdera 3691.
celsalis 4205.
celsella 4634.
celtis 2424 ×.
cenis 461.
centralis 2099 ×.
Cephena 3019.
cephise 2685 ×.
cephnodes 5.
cephusalis 2088 ×.
Cerace 4769.
CERACIINÆ 4769.
cerastioides 2009.
Cerastis 2008A.
ceratella 4894.
cerbera 227.
Cerbia 2443.
cerealis 4191.
Ceroprepes 4554.
Cerostoma 4838.
certhia 1576.
certhia 1577.
certificata 1982.

cortior 2615.
Cerura 1123 ×.
Cerura 1127.
Cervaria 4815.
cervina 163.
cervina 160, 871, 906, 1062, 1075, 1092, 1275, 1365, 1507, 1704, 2089, 2708, 3010 ×.
cervinalis 2866.
cervinaria 3052, 3240, 3848, 3230.
cervinellus 4669.
cespitalis 4363.
cespitis 1983.
cessaria 3156, 3607.
Cetola 1166.
ceylanica 546.
ceylonaria 3313.
ceylonica 141, 874, 2802, 3362.
ceylonica 546.
Chabula 4328.
chacoraca 3422.
Chadisra 1138.
Chærocampa 79.
Chærocampa 50, 53, 67, 112, 113.
CHAEROCAMPINÆ 44.
Chærotricha 965 ×.
Chalcidica 1592.
Chalciope 2678, 2685, 2686, 2687, 2702.
chalcoptera 2254.
Chalcosia 372, 401, 405, 443, 456.
Chalcosia 406.
CHALCOSIIDÆ 349.
Chalia 498.
Chalia 495.
Challa 854, 855A.
Chalsytoides 2182 ×.
chalybea 209, 1900, 2374.
chalybealis 2977.
chalybearia 3849.
chalybeata 2033, 2071, 2271, 3161, 3500.
chalybeatus 1617.
champa 1213.
Chandata 2093.
chandubija 3422.
Charala 1073.
Charema 4232.
Charidea 1979.
Charilina 635.
Charltona 4685.
charmione 1734.
Charnidas 878A, 879.
Chasmina 1782 ×.
chasmina 1784.
Chatamla 426.
Chatra 1479.
Checupa 1972.
cheela 1045, 1486.
Chelaria 4843.
Chelura 450 ×.
chenopodii 1933A.
Cheromettia 1322.
cherra 228.
Chersotis 1998.
chiklika 1921.
Chilena 1334.
chilka 4181.
Chilkasa 3241 ×.
Chilo 4668.
Chilo 4615, 4661, 4712.
chimista 2561.
Chionæma 731.
Chiripha 2141.
chiron 185.
Chizala 3138, 3139.
chlorea 2593.
Chlorodes 3535.
chlorolonca 505.
chloromolla 3015.
chlorophilata 3784.
chlorozonaria 3452.
Chlumetia 2215.
Chnaura 4237.
Chobera 4163.
Chærodes 3117.
Chogada 3349 ×.
Chora 1121.
chordigera 994.
Choreutes 4777.
Chorodna 3120.
chota 625.
chotaria 3925.
chromataria 499, 2821.
Chromis 107.
chromotaria 499.
Chrysæglia 568.
chrysitina 2155 ×.
chrysographella 4712.
chrysographellus 4712.
chrysolineata 3496.
chrysolopha 994.
Chrysorabdia 626.
Churia 1870.
Churinga 615.
Chusaris 2935.
Chutapha 1973.
cicada 369.
cicatricosa 4108.
Cidaria 3837 ×, 3846A, 3868A, 3871A, 3873A.
Cidaria 3775, 3809, 3876, 3895, 3897.
cidarioides 1796, 2065, 2867 ×.
cidosa 1546.
Cifuna 1330.
cilialis 4131.
ciliaris 2156.
ciliata 2493.
ciligera 2120.
cilium 2117 ×.
Cimicodes 3245.
Cimitra 4787.
cinctata 978.
cinctipalpis 2202.
cineracea 3355.
cinerascens 540, 2409 3603, 3669.
cinerea 44, 1258A, 1644E, 3805.
cinerealis 4217.
cinereata 3850.
cingala 391, 2985, 3896.
cingalensis 2734, 4883.
cingalesa 715, 1975A.
cingalesa 728, 1560.
cingularis 2679.
cinnamomea 879, 1327, 1375, 2032.
circe 432.
Circinata 370.
Circobotys 4122.
circularia 3554.
circulitaria 3224.
circumdata 371, 894.
circumferens 2613.
circumflexa 2157.
circumscripta 3021.
circumsignata 2634.
Cirrhochrista 4658.
Cirroedia 2234.
Cispia 926.
Cistidia 344.
citrella 4944.
citrina 907, 1376.
citrinula 1423 ×.
cladonia 3251.
Clanis 158.
clara 1032, 1048, 3103.
Claterna 2843.
clathrum 2551.
clavata 518.
clavatus 778.
clavifera 2320.
Cleapa 1176.
Cledeobia 4529.
clelia 3190.
cleliaria 3190.
Cleophora 500.
Cleora 3292.
Cleora 3627.
cleoraria 3930.
Cleosiris 482.
clerodendronella 4940.
Cletthara 2431.
clientella 4567.
Clina 734.
Clisiocampa 1333.
clotho 98.
clytia 2497.
Cnaphalocrocis 4117.
Cnemidophorus 4550.
Cnephasia 4744.
Cnethocampa 1044.
c-nigrum 2016.
Coarica 2247.
Cobanilla 1264.
cocale 2479.
cocalus 2479.
coccinea 661, 694.
coctata 3751 ×.
cocytodes 2342, 2343, 2344.
Codane 442.
Codonia 3554.
cœlata 4017.
cœlatalis 4536.
cœlataria 3450 ×.
cœlatella 4892.
cœlisigna 1789.
cœlisparsa 2505.
Cœnochromia 227, 283.
Cœnodomus 4504.
Coequosa 163.
cœrula 2342.
cœrulea 2342.
cœruleolineata 3071.
coffeæ 1588.
coffearia 4747.
coffeifoliella 4925.
cognata 1624A, 2010, 2868 ×.
cognata 2609A.
cohærens 2558 ×.
coleta 462 ×.
collaris 1414 ×.
collaris 230.
collecta 1663.
colligata 2241.

colligens 2641.
Collita 578.
Collix 3888.
colomboensis 4266.
colombana 2869.
colon 617.
colonialis 4407.
Colotois 3168.
columba 1791.
columbicola 3112.
comalis 4176.
combinans 2623×.
combinans 2240.
combinata 867.
combusta 1135.
combustaria 3314.
cometaris 395.
Comibæna 3497, 3702.
Comibæna 3498.
comitata 2472.
comma 814, 1108.
commixta 4241.
communicans 316.
communis 317.
comosa 2642.
compar 2687.
comparata 895, 901.
comparataria 3405.
complacens 2654.
complens 1041.
complicata 998.
compositata 3718.
comprensata 3765.
compressipalpis 2183.
comprimens 2757.
compta 1664.
comptaria 3991.
concana 530.
concatenalis 4299, 4353.
conchifera 1577.
conchiferata 3053×.
conchylalis 4200.
CONCHYLIÑÆ 4756.
Conchylis 695.
Conchylis 4756.
Conchylodes 4309, 4310, 4312.
concinellus 4695.
concisa 2410.
concisalis 4260.
conclusalis 4182.
concolor 1005, 1508×, 4085.
concolorella 4571.
concordalis 4292.
concors 2941.
concubia 2276.
concursaria 3315.
Condega 4127.
condita 2649×.
conducens 2182.
confecta 2028.
conferta 644, 1589.
confertana 4762.
confertissima 1724
conficiens 2665.
confinis 273.
confluens 1634, 1951.
conformis 618, 1984.
confundens 1937.
confusa 292, 830×, 1709, 2158.
congerens 678.
congestalis 4532.
congregata 2700.
congrua 1985×.
congrualis 4545.
congrualis 4546.
congruaria 3563.
conifera 3054, 3293.
conjugata 1904.
conjunctana 695, 4756.
connectens 2574.
Conogethes 4030.
consanguinea 2020.
consanguis 120, 774×, 2050.
conscensa 3768.
conscita 2927.
conscitalis 2927.
consignata 2034.
consimilis 1377, 1665, 3891A.
consobrina 2485.
consocia 2768, 3720.
consociellus 4694.
consorta 489.
consorta 490.
consortus 489.
conspersa 1319, 1710, 3721.
conspicillator 2485.
conspicua 1753, 2553.
conspicuata 3270.
conspurcata 1986×, 3817, 4651.
constellata 1934, 2230, 2506.
constricta 2208.
consueta 2815.
contaminata 1378, 3356.
contectaria 3316, 3252.
contenta 2614×.
Contheyla 1278.
contigaria 3926.
contiguata 3317.
continctella 4899.
continentalis 4242.
contingens 1902A, 2978, 4356.
continua 2451×.
continuatus 786.
contracta 188×, 318.
contractaria 3424.
contributaria 3888.
contubernalis 3360, 4342.
conturbans 2538.
conturbata 3759×.
convectalis 4121.
convectaria 3991×.
convergens 979.
convolvuli 167.
convolvuli 168.
Coptobasis 4263.
Coptoloma 4767.
Corcobara 2852.
Coremia 3814A, 3815.
Corgatha 2931.
Corinea 4916.
Coriscium 4932.
Corma 1233.
cornaria 3318.
Cornifrons 4228.
cornutella 4856.
coronata 2595×.
Corotia 3240.
correcta 546, 1987.
Corsa 2398.
corusca 410, 415×.
coruscantis 2004.
corvus 2255.
Corycia 2476, 2477, 2595, 3601.
Corycia 3602.
Corymbia 2335.
Corymica 3682×.
Cosmia 1793.
cosmiana 1301.
COSMIDÆ 1792.
Cosmophila 2234×.
Cosmopteryx 4937.
Cossa 600.
COSSIDÆ 1581.
cossinella 4808.
cossoides 1516.
Cossus 1581.
Cossus 1586, 1603, 1604.
cossusella 4809.
costalis 1006, 1041, 1078, 1207, 1666, 1830, 1973, 2021, 2752, 2850, 3246, 3790, 4035 4653.
costata 2380×, 3019, 3599, 3688.
costatus 3182.
costifera 2460.
costiferalis 4218.
costiflexalis 4218.
costigera 2022, 4821.
costimacula 2293.
costimaculata 3692.
costinotalis 2870.
costipannaria 3769.
costipannosa 2582, 2735.
costiplaga 2389.
costipunctata 3477.
costisignalis 4357.
costistigma 1831.
costistrigaria 3375.
Cotachena 4355.
Cotanda 2225.
Cotuza 2470.
Cotuza 2621, 2760.
couaggaria 3728.
CRAMBIDÆ 4668.
crambisata 3689.

CRAMBITES 4554.

cramboides 1718, 2929A.
cramboides 4654.
Crambomorpha 566.
Crambomorpha 565, 567, 570, 615.
Crambopsis 1720.
Crambus 2908, 4172, 4438A, 4501, 4503, 4601, 4615, 4664, 4670.
Crambus 4692.
crameri 2666×.
Crameria 634.
cramerii 491.
cramerii 490.
Craspedia 3953×.
crassicornalis 4408.
crassicornis 2753.
crassipennis 1926.
creataria 3260.
Creatonotos 786.
Creatonotos 816.
creatonotus 788, 816.
creberrima 2769.
crenaria 3376×.
creonalis 4121.
creperalis 4575.
crepuscularis 2534.
crepuscularis 2539.
cretica 83.
creusa 257.
crëusa 283.
cribraria 743.

cribraria 744, 745.
cricula 1353.
Crino 1201.
crisonalis 4397.
cristata 136.
cristatrix 1198 ×.
cristifera 2713 ×.
crithealis 4258.
critheisalis 4339 ×.
Crocalis 3166.
crocata 1832.
crocea 2189 ×.
crocina 3372.
Crociphora 4229.
crocoptera 3114.
crocopterata 3114.
Crocopteryx 3193.
crœsaria 3157.
crœsella 4825.
crœsi 1095.
crotalariæ 749.
crotonalis 4267.
cruentaria 3247.
cruentata 737, 1742.
cruentatus 3183.
Cryassa 2192.
Cryptoblabes 4556.
Cryptolechia 4906.
CRYPTOLECHIINÆ 4906.
Cryptothelea 489, 490.
cubicularis 2108.
cucullata 581, 2294, 3008.
Cucullia 2336.
Cucullia 2372.
Culasta 1232.
Culladia 4686.
culta 2072.
Cultripalpa 2729 ×.
cuneata 3426.
cuneifera 4418.
cuneilinea 3434.
cuneonotatus 696.
cunninghami 5.
cunulifera 2470.
cuprea 230.
cuprea 301, 497, 1310, 1957, 2046, 2149, 2272, 2602.
cuprealis 4268, 4331.
cuprearia 3278, 3807.
cupreata 3812.
cupreipennis 191, 229, 1379, 2090, 2256.
cuprina 1644, 2035, 2051.
cuprinalis 4243.
cuproviridalis 4475.
curcumata 3851.
Curoba 478 ×.
Curubasa 1741.
curvata 1046.
Curvifera 1121.
curvifera 1906, 2650.
curviferella 2424.
curvilinea 2507.
curvilineata 3906.
curviplena 1913.
Cusiala 3256.
Cusuma 3092.
Cyana 655.
cyaniris 6.
cyanivitta 2508.
cyclaria 3697.
Cyclidia 1058, 3119, 3121, 3123, 3124, 3126, 3127, 3128.
Cyclodes 2573.
Cyclophora 3550, 3553, 3554, 3555.
Cyclopteryx 3030.
Cyclosia 421.
Cyclosia 400, 402, 419, 436, 446.
Cycnia 851.
Cycnia 883, 885.
Cydalima 4200.
cydonia 2843.
cydonialis 2843.
cydoniaria 2843.
Cydosia 634.
Cygna 1049, 1064.
cygnus 1782 ×.
cyllaria 2583 ×.
Cyllaris 2583.
Cyllene 639, 641, 681.
cyllota 2584.
cyllusalis 4576.
CYMATOPHORIDÆ 1624.
cymbicornis 1050.
Cyme 4895.
Cymella 678.
Cymoriza 4389.
cynaralis 4051.
cynthia 1537.
Cypa 77 ×.
Cyphanta 1229.
Cyrtolophia 171.
cyssea 230.
cysseoides 231.
cysseus 230.
cystidia 3086.

D

Dabarita 1117 ×.
Dabarita 1121.
Dadessa 4028.
Dadica 2116.
Dahira 61A.
dalbergiæ 830A, 979A.
Dalcera 1266.
Dalima 3130.
Damalis 528.
Damalis 538 ×.
damasalis 4109.
damascena 157.
damastesalis 4147.
Damata 1179.
damnipennis 2188.
damoalis 4052.
damodara 1123.
damor 1618.
Danaga 4260.
Danaka 1210.
Dandaca 1791.
Dandaca 2437.
Dapha 4643.
Daphnis 112 ×.
Daphnusa 152.
Daplasa 1086.
Dappula 492.
Daraba 4295.
Darapsa 113.
Darisa 3357.
Dasaratha 497A.
Dasychira 975, 979A.
Dasychira 993, 994, 998, 1056.
dasyptera 2642 ×.
dasypterus 2642.
Datanga 485.
daubei 2159.
daubei 2157.
davallia 2842.
Davendra 4881.
Daxata 2750.
Deba 4162, 4164.
debilis 3426A.
debitaria 3237.
Debos 277.
decedens 1311.
decens 2339 ×.
deceptatura 3139.
deceptura 1759.
decessalis 4496.
Decetia 3222.
Decetia 3229.
decipiens 3138, 4601.
decisa 1489, 2314.
decisissima 1667 ×.
decissima 1667.
deciusalis 4161.
deciusalis 4367.
declinata 2120.
decolor 131, 2714.
decolorana 4761.
decolorata 3121.
decora 2547 ×.
decoraria 3442.
decorata 146, 1380, 1625, 1728, 1772, 2066, 2073, 3164, 3770, 3898.
decoratus 146.
decrescens 2401.
Decuaria 4889.
decurrens 637, 1144, 3876.
decursella 4689.
decurtata 1476.
decusella 4890.
decussalis 4174.
decussata 966, 2810, 3294, 3793.
deductalis 4086.
deductella 4856.
defamatalis 4225.
defamataria 3755.
defecta 696.
defectella 4646.
deficiens 3271, 4269.
deficiens 2470.
deflexa 2330.
deflorata 2288.
degenerella 4654.
Deilephila 109 ×.
Deilephila 64, 65, 66, 79, 83, 88, 112.
Deilinia 3599.
Deiopeia 737.
Deiopeia 670, 700, 741, 742, 744, 747, 749, 750, 826.
delatrix 2193.
delecta 2109, 3852.
delecta 4404.
deletaria 3608.
Delgamma 2636 ×.
deliana 2687.
deliaria 1259 ×.
delicata 679, 4419.
delicatalis 4533.
deliciosaria 3954.
delineata 896, 2047.
Delocharis 3670.
delphiaria 1260.

DELTOIDES 2838.
demissus 3756×.
demptella 2376.
denotata 1165, 1668.
dentata 1166.
dentata 132, 3436.
dentatrix 319.
dentatus 132 ×.
denticulata 1770A, 2022A, 2361, 2854, 4438.
denticulosa 2052, 2135, 4087, 4373.
dentifera 2357, 3877, 3962.
dentilinea 831.
dentilinealis 2871.
dentilineata 3165, 3359.
dentisignata 3435.
deponens 2394 ×.
Depressaria 4898.
DEPRESSARINIÆ 4898.
depressellus 4733.
deprivalis 4141.
depunctalis 4174.
derasella 4607.
Deroca 899.
derogata 1881, 2110.
describens 2383.
designata 1669.
desistalis 4670.
Desmia 4258.
Desmia 4260, 4273, 4274, 4278.
Desmophora 1825.
despecta 2770.
despectalis 4447.
despicillator 2490.
destituta 1860.
detecta 1071.
detenta 3436.
determinata 2997.
detersa 1029, 2461.
detersalis 2872.
detracta 3527.
detractana 4748.
detrita 655.
detritaria 3729.
detritella 4617.
deucalion 158.
Deva 3202.
Deva 2182.
Devanica 390.
devestita 1061.
devexata 3501.
devexata 3508.
devia 2441.
deviaria 3974.
deviella 4786.
dharma 650, 1339, 1670.
dharmsalæ 3551.
dholaria 3287.
diabolica 1381×.
Diachrysia 2155.
diagonalis 4301.
dialis 4088.
dianæ 1783.
dianæ 1534.
Dianthecia 1949.
diaphana 232, 1051, 1109.
diaphana 256.
Diasemia 4368.
Diasemia 4370.
diatomaria 3478.
diatomata 3478×.
Dichelia 4752.
Dichocrosis 4293.
dichroma 4133.
dichromalis 4138.
dichromella 1212.
Dichromia 2844×.
Dichromia 363.
Dichrorampa 4768.
Dicranura 1127.
DICRANURINÆ 1123.
dicycla 1833.
didyma 185.
Dierna 2320×.
diffascialis 4262.
diffluaria 3319.
diffusa 1382, 1814.
diffusalis 2952.
diffusalis 4050.
diffusaria 3320, 3564.
Digama 547×.
digramma 908×, 3009×.
dilucidalis 4417.
Diludia 174.
diluticornis 4906.
dimidialis 4501.
dimidiatus 4501.
diminuta 217, 815.
dimissa 3447.
dimissus 3447.
Dimya 1923.
Dinumma 2394×.
Dinara 1135.
Dindica 3371.
Diomea 2755.
Diomea 2377, 2417, 2997, 3015, 3016.
Dionychopus 833.
DIOPSIDÆ 2190.
Dioptis 350.
dioscoreæ 2477.
Diospage 282, 288.
diphilæa 352.
diphilea 352.
Diphtera 1758×, 1760A.
diphteroides 2353.
diplotata 3636.
dipsacea 1731.
diptera 233.
Dipterygia 2041.
Dirades 3049×.
directa 3489.
dirempta 3479.
Dirphia 1457.
discalis 855, 1136, 2434, 2667, 3079.
discerptalis 4315.
discessa 3494.
discibrunnea 1760.
discifera 897.
discigera 3698.
discinigra 832.
discinota 234, 937, 1158.
discinotalis 4321.
discios 2701.
discisigna 651, 4287.
discisignata 1958.
discispilaria 1253.
discissa 3437.
discistriga 176, 680, 2203, 2580.
discistriga 180.
discivitta 293, 1063.
discordans 1383.
Discordia 1719.
discospilota 3162.
discrepans 1355, 2142, 2484.
discriminans 2603.
discriminata 3523.
diserta 3470.
disistaria 3679.
disjuncta 619, 883, 2686, 3480×.
disjunctalis 4115.
disjunctalis 4040.
disjungens 2830.
dispansa 3502.
dispar 1076.
disparalis 4364.
disparans 2496.
disparata 3537.
dispartita 3438.
dispellens 2160.
dispensata 3384.
dispersa 909.
dispila 2469.
dispilana 4742.
dispunctata 3406×.
disrupta 235, 1155.
dissecta 2143, 3878.
dissectus 2143.
dissepta 3453.
dissessa 3439.
dissimilis 1384, 2322, 3261, 3967.
dissimulata 3454.
dissita 3469.
distans 1935, 2563.
distenta 3385.
disterminata 3257.
distincta 320, 372, 1705.
distinctaria 3455.
distorta 620, 775, 1959, 4192, 4340.
distracta 3927.
distracta 3422.
ditrapezium 2023.
Ditrigona 4024.
diurnalis 4178.
diurnaria 3366.
divakara 662.
divapala 3503.
divaricata 1296, 1446, 2873, 3518, 4193.
divergens 33, 1325.
diversalis 2238, 2819, 4283.
diversicolor 3729A.
diversipennis 1635, 2585.
dives 321, 4250×.
divisa 236, 573, 857, 933, 1151, 1181, 1493, 1773A, 1792, 1882, 2651, 2803×, 3100.
divisalis 2874, 4053.
divisana 4737.
divisaria 4001.
divisistriga 2469.
divitalis 4473.
divulsa 2386.
Doana 3049.
Docela 2691.
docilis 2039, 2425.
Docirava 3902×.
Dodanga 4126.
dodatellus 4671.
dolba 172.
Dolgoma 595.
Doliche 654.
Doliche 645, 646.
dolichoides 51.

Dolichostica 4119.
dolichus 50.
dolorosa 2074.
dolosa 278, 1338.
domestica 1980.
domina 514.
dominalis 4420.
dominia 515.
dominica 1780.
donans 2264 ×.
Donda 2437.
Dondora 479.
Doranaga 2836 ×.
Dordura 2656 ×.
Dorika 1722 ×.
dorsalis 587, 861A, 2375.
dorsifascialis 2376.
dorsigera 2295.
dorsipunctella 4596.
dorsivittata 4089.
doryca 519.
Dosara 4536.
Dosara 4689.
dosaroides 1818.
dotata 2277, 2596.
dotatalis 4341.
Doththa 4493.
doubledaii 495.
doubledayi 495.
dymnusalis 4601.
Dragana 2941 ×.
draneus 89.
Drapetodes 3588.
Drasteria 2697, 2704.
Dreata 1367.
Dreata 1370, 1376, 1382, 1385, 1389, 1394, 1396, 1402, 1407, 1409, 1410, 1416, 1419, 1423, 1424, 1425, 1430, 1431.
Drepana 1235 ×, 1238A, 1238B, 1242A.
Drepana 1090.
Drepanodes 3140.
Drepanodes 2811, 3224.
drepanoides 1353.
drepanoides 2621, 2760.
DREPANULIDÆ 1234
Drosica 4785.
drylla 2576.
Drymonia 1165.
Dryobata 1976.
Dryocætis 3312.
dryopealis 4054.
dubia 1644B.
dubiosata 3818 ×.
dubitaria 2509.
ductaria 3710.
Dudusa 1188.
dulcis 373, 744, 1746.
dulcissima 1912 ×.
Dunira 2776.
Duomitus 1599.
duplexa 1237, 1276, 2315, 2635, 2804, 2953, 3295.
duplicans 2218.
duplicata 1804, 3677.
Dura 1084.
Durdara 2785 ×.
duvauceli 265.
dyras 140.
dyras 141.
Dyrzela 1877.
Dysallacta 4143.
Dysauxes 276 ×.
Dysgonia 2659, 2660, 2663, 2666, 2667, 2669, 2670, 2670A, 2671, 2674, 2675.

E

Earias 499, 502A.
Earias 508.
eboricostella 4620.
Ebulea 4129.
Ebulea 4345.
ebuleata 3102.
eburnea 4786.
eburneigutta 773 ×.
Eccopsis 4759.
Echana 2965.
Echana 2971.
echephurealis 2938.
Echidna 1534.
Echlida 1070.
edemoides 2397.
edentata 2234.
edocla 374.
eductana 4743.
edwardsii 1538 ×.
effertalis 4279.
efflorescens 2289.
efformata 3907A.
effracta 663.
effrenata 3928.
effusata 3637.
Egelesta 2419.
egenella 4794.
egens 531, 2216.
egialealis 4294.
Egnasia 2732 ×, 2738A.
Egnasia 2720, 2725, 2745, 2747, 2748.
ejecta 1191.
elachia 4444.
ELACHISTINÆ 4935.
elaralis 4498.
elataria 3965.
elatella 4776.
elegans 84 ×, 631, 2597.
elegans 1825.
elegantulus 70.
eleonora 3632.
eleonorata 3632.
Elibia 50.
Eligma 559.
ella 63.
Ellopia 3221.
elongalis 2875, 4445.
elongata 1528.
elpenor 79.
elpenor 80.
Elphos 3398.
Elphos 3264.
Elpia 2525.
elutalis 4367.
elvirata 3631.
elwesi 126.
elycesalis 4028.
Elydna 1122.
emarginata 1225 ×.
emblicalis 4379.
emersaria 3609.
emilia 63.
emissaria 3929.
emittens 156, 816.
Emmalocera 4612.
Emmelesia 3791.
Emmelia 1879.
Emodes 4004.
Enchocnemidia 4204.
Endoclyta 1522.
endoleuca 2494.
Endotricha 4496.
Endotricha 4250, 4495.
Endropia 3178.
enixalis 4433.
ennomaria 3147.
ENNOMIDÆ 3134.
Ennomos 3172.
Ennomos 3197.
ennomosaria 3145.
ENNYCHIDÆ 4333.
Enomo 1028 ×.
entella 570.
entelleola 570.
Entomogramma 2546 ×.
Entomopteryx 3198.
Enyo 46.
eolaria 3407.
epastalis 4055.
ephesperis 2539.
Ephyra 3550.
Ephyra 1261, 3422, 3573, 3930.
EPHYRIDÆ 3550.
ephyrodalis 2736 ×.
Ephyrodes 2713, 2716.
Epichilo 4690.
Epicopeia 351 ×.
Epicrocis 4595.
Epidesma 3094.
Epifidonia 3678 ×.
Epilecta 2028.
Epimecia 2334.
Epione 3175.
Epione 3553.
Epischnia 4734.
Episparis 2839.
Episteme 325.
epops 2713.
epundoides 2354.
Epyrgis 417 ×.
Epyrgis 401, 404.
equestris 105.
equilinearia 3235.
equitalis 799.
Erasmia 454.
Erastria 1795.
Erastria 348, 1854, 1879, 3990, 3991.
ERASTRIIDÆ 1795.
Ercheia 2583, 2584, 2585, 2587, 2589, 2590, 2591, 2592.
EREBIIDÆ 2197.
erebina 43.
erebina 2738A.
Erebomorpha 3186.
Erebomorpha 3123.
Erebus 2533, 2535, 2537, 2539, 2561, 2573, 2642.
erebusalis 4527.
erebusaria 3122.
erecta 910, 1856, 2969.
Eressa 272 ×.
Eretmocera 4939.
Eriocottis 4806.
eriophora 2470 ×.
ERIOPIDÆ 2218.
Eriopus 2219, 2225, 2226.

erminea 4438A.
ermineella 4911.
ermineus 4438A.
ernestina 1233 ×.
erodella 4621.
Eromene 4679.
eronioides 452.
erosa 776.
Erosia 3049, 3050, 3052, 3056, 3057, 3058, 3064, 3067, 3069.
EROSIIDÆ 3048.
erotus 107 ×.
erubescens 1914, 2447, 2998.
erycinoides 481.
Erygia 2368.
erythrozona 833.
erythusalis 2970A.
eryxalis 4254.
Eschata 4650.
eson 85.
Esthema 419.
Estigena 1499, 1499A.
Estigmene 818.
Eterusia 367, 368, 370, 372, 374, 375, 377, 378, 380, 381, 382, 383, 385, 386, 387, 391, 392, 449.
Etiella 4601.
etiella 4601.
etolusalis 4577.
euadrusalis 4488.
Eublemma 1909.
Eubolia 3911A.
Eubolia 3762, 3904.
EUBOLIDÆ 3902.
eucerella 4857.
Euchætes 809.
Euchalcia 2186.
Eucharia 478.
Euchelia 700.
Euchera 3118.
Euchesia 2232.
Euchromia 281, 283A.
Euchromia 217.
Euclasta 4225.
Euclidia 2689.
EUCLIDIDÆ 2685.
Euclita 4175, 4503.
Eucnemidophorus 4550.
Eucrostis 3537.
Eudioptis 4178, 4197, 4308.
Eudorea 4296.
eugeniata 3541.
Euglyphis 4219, 4220.
eugraphella 4578.
Eumelia 3539 ×.
Eumeta 490.
Eumeta 492.
Euphasia 1825 ×.
Euphranor 1354.
Eupithecia 3767 ×, 3776A.
Eupithecia 3784, 3785, 3786, 3787, 3788.
Euplexia 1956 ×, 1959A.
Euplocamus 4788.
Euplocia 513.
Euplocia 515.
Euprepia 741, 782, 799, 802, 806, 810, 822, 829, 833.
Euproctis 932A, 933.
Euproctis 867, 917, 929, 930, 931, 932, 966, 971, 974.
Eupterote 1368 ×, 1385A.
Eupterote 1355, 1416, 1418.
Eurhipia 2195.
EURHIPIDÆ 2191.
Eurhodophe 4571, 4588.
Eurois 1925 ×, 1930A.
Eurrhyparodes 4436.
europsalis 4134.
eurychlora 2437.
euryclealis 4056.
Eurymene 3160.
eurytion 197.
Euschema 3073.
Euschema 426, 427, 3093.
EUSCHEMIDÆ 3073.
euschemoides 349.
Eusemia 308 ×.
Eusemia 340.
Eusmerinthus 151.
Eustroma 3876.
Eutelia 2202.
Eutelia 2195.
Eutricha 1486.
Euzophera 4605.
Evarzia 3650.
Evarzia 3654.
evaxalis 4029.
evulsa 1719.
evulsalis 2941.
exagens 2843.
exaltata 4541.
exanthemata 1137, 1705A, 3203, 3723.
excavata 2677.
excerptalis 4672.
excisa 353, 1834.
excitans 2198.
exclamationis 782.
excludens 1720.
exclusa 4006 ×.
exclusaria 3321.
excubitor 3080.
excurrens 638.
exempta 1671.
exempta 2368.
exigua 1080, 2122 ×.
eximialis 4148.
exliturata 3760 ×.
exotica 2219 ×.
expansa 3819 ×.
expectans 2652.
exprimens 2839.
exquisita 3699.
exsanguis 1672.
exsanguis 1676.
extensa 237 ×, 1246, 1573, 2876, 3024.
extensana 4738.
exterior 1673, 2540.
externa 1915 ×, 2110A, 2877.
externalis 2986 ×.
extersaria 3659.
extimaria 3952.
extinctalis 4081.
extrahens 2161 ×.
extranea 1674 ×.
extricans 2563A.
extrusata 1261.
exusta 162.

F

fabia 1385.
fæda 1600.
Falana 2248.
falcata 1090, 2621, 2760.
falcata 506, 2668, 2823, 3241 ×.
falcataria 3104.
falcatella 4925.
falcipennis 1482, 3724.
falconaria 3680.
falsaria 3620 ×.
falsidicalis 4343.
famulella 4638.
farinacea 2110B.
farinalis 4446.
Fascellina 1254, 1255.
Fascellina 2820.
fascialis 4262.
fascialis 4726.
fasciaria 3730.
fasciata 375, 547, 589, 623, 722, 886, 980, 1182 ×, 1207A, 1219, 1296A, 1440 ×, 1459, 1651, 1700, 1712 ×, 1760A, 1773, 1922, 2011, 2247, 2358, 2486, 2722, 3421, 3632 ×, 3794, 4016 ×, 4090, 4383.
fasciata 478.
fasciatrix 324.
fasciculana 4774.
fasciculata 664.
fasciculosa 1852.
fasciosa 49 ×, 2250, 2323, 3011, 4007.
faustalis 4320.
fautrix 2548.
favillatrix 2204.
feducia 2552.
feliciata 3540.
felicitata 3509.
felinaria 3714.
Felinia 1817, 2433.
Felinia 2706.
fenestra 1354.
fenestraria 3141, 3504.
fenestrata 1107, 1773 B, 2210 ×, 2785 ×.
feniseca 2564.
ferrea 392.
ferrifasciata 568.
ferrifera 1115, 4002.
ferrifervens 2924 ×.
ferrilineata 3988.
ferrolavata 3322.
ferrugalis 4149.
ferrugata 3055.
ferruginaria 3771.
ferruginata 3655 ×, 4280.
ferruginea 78, 1194, 1322, 1337, 1813.
ferruginea 1491.
ferruginosa 1162.
fervens 15 ×.
fervida 238, 2604.
fessalis 4183.
festina 2943.
festinata 2675.
festiva 2137.
festivalis 4033.
festivaria 3705.
festivella 4595.
fibulata 3930.
Ficulea 4887.
ficus 538.
Fidonia 3676.
fidoniata 3638.
FIDONIDÆ 3662.

figurana 511.
figuraria 3056.
figurata 548, 1781, 2709, 3041.
filigeralis 4226.
filipalpis 2599.
filium 2121.
Filodes 4220.
fimbria 346.
fimbriana 4749.
fimbriaria 3456.
fimbriata 3297, 3541, 4135.
finipalpis 2778.
firina 1835.
firmamentum 2231.
fissella 4795.
fissiferata 3761.
fissisignis 3853.
flabellicornis 396.
flabellifera 2643.
flabrifera 609.
flagrata 3542.
flammans 284.
flammatra 2024.
flammealis 697.
flava 193, 1238, 1341, 1805 ×, 3231, 3248.
flavala 1768.
flavalis 834, 4091.
flavaria 3148.
flavata 3543, 3836.
flavata 3148.
flavens 590, 824.
flavescens 426, 1052, 3700.
flavibasa 4881.
flavibasalis 4036, 4277.
flavicaudata 2256A.
flaviceps 4779.
flavicollis 571, 1415.
flavicolor 800 ×.
flavicosta 621.
flavicostana 4757.
flavida 1428, 1892.
flavifrons 2824.
flavifrontaria 3490.
flavifusata 3204, 3481.
flavimacula 981.
flaviplaga 393, 4730.
flavirena 2012.
flavisigna 2692.
flavistigna 1163, 2053.
flavistrigata 3812A.
flavivenosa 698.
flavofasciata 3889, 4092, 4941.
flavofimbriata 4255.
flavomaculata 376, 4523.
flavonigra 939, 3026.
flavosignata 1487.
flavovittata 1477.
flexilineana 4744.
flexissimalis 4328.
flexuosa 2878.
flexus 2764.
floccosa 723, 2510.
flora 817.
florale 138.
floralis 138.
floralis 1342.
florens 1627 ×.
florentina 1734.
florescens 858, 1628.
florigera 1785.
fluidaria 3552.
fluviatilis 2273.
fo 172 ×.
Focilla 2714, 2843.
FOCILLIDÆ 2707.
Fodina 2680 ×.
fœdalis 4434.
foraria 3715.
forcipatus 4551.
forficalis 4172.
forficatus 4172.
formosa 4514.
fortissima 1972, 3352.
fortunatus 1096.
fotalis 4150.
fractalis 2989.
fracterenla 3262.
fragilis 2005.
francisca 787.
fraterenla 3589.
fraterna 81, 162A, 283A, 397, 639B, 765 ×, 911, 1302, 1385A, 1417, 1429, 1560A, 1629A, 1653, 1705B, 1988, 2471 ×, 2511, 3350, 4018, 4037, 4093, 4206, 4270.
frausa 1874.
frenatalis 4293.
frequens 3491.
frigida 645.
fringilla 30.
Frisilia 4889.
frithi 1561.
frondosana 500, 501.
frontalis 1300, 2013, 2411, 2653.
frontirufa 1230.
fructicassiélla 4736.
frugaliata 3610.
frugalis 2702 ×.
fugitiva 2443.
fulgens 1460.
fulgurana 3186.
fulgurata 3907.
fulgurifera 1201.
fulgurita 1195 ×, 3187.
fuliginosa 294, 436, 1007.
fuliginosus 544.
fullonia 2477.
fullonica 2477.
fulvida 295, 2240.
fulvidorsalis 4220.
fulvohirta 859.
fulvotænia 2669 ×.
fumata 491C.
fumiceps 4945.
funobris 322.
furcifera 1701, 3830.
furcifera 2177.
furia 1901.
furtiva 1713.
fusca 1441, 1797.
fuscanella 4806.
fuscatis 4146.
fuscescens 145, 445, 3731 ×.
fuscomarginata 3638A.
fuscostrigella 4627.
fusifera 2586.
fusiformis 267, 1036.
fusifrons, 756.
fusipalpis 2306.
futilis 1798.
fytchei 239.

G

Gabala 2948.
Gadera 1223.
Gadessa 4360.
Gadirtha 2401.
Gadirtha 2413, 2420.
Gæsa 4890.
galaxia 2100.
galbana 1185.
Galbulata 3205.
Galleria 4725.
Galleria 4732.
GALLERIDÆ 4725.
Galleriomorpha 2416.
Gamma 940.
Gammoides 2312.
Gamoruna 3686.
Gampola 623.
Gandaritis 3836.
Gandhara 613.
ganesa 1500 ×.
Gangarides 1339.
gangeticalis 4398.
Ganisa 1356.
Ganisa 1345 ×.
gannata 4012 ×.
Gaphara 4886.
Garæus 3182.
Gargela 4893.
Gargetta 4821.
Garudinia 736.
Gasmara 4892.
gastralis 4305.
Gastropacha 1445.
Gastropacha 1274, 1349, 1456, 1499.
gastropachoides 2644.
Gathyna 3072 ×.
Gaurena 1627 ×.
gavisata 3702.
Gazalina 993.
gazorialis 4197.
Gelechia 4939.
Gelechia 4845.
GELECHINÆ 4840.
gelida 654, 4652.
gelidaria 3349.
gemella 4344.
gemina 433, 2879.
geminalis 2879.
geminata 1419.
gemma 2825.
gemmans 2541.
gemmella 4826.
gemmifera 1203, 1963, 3931.
gemoniella 4926.
genistæ 2305.
Genusa 893 ×.
geographicalis 4244.
Geometra 3430.
Geometra 463, 743, 2908, 3148, 3209, 3210, 3212, 3410, 3447, 3448, 3449, 3469, 3483, 3523, 3527, 3529, 3537, 3541, 3545, 3546, 3554, 3663, 3869, 3956, 4016, 4022, 4424.
geometralis 4370.
GEOMETRIDÆ 3428.
GEOMETRITES 3045
geometroides 2999.
georgina 240 ×.
Gerbatha 3018.
gerontosalis 4447.
Gerontha 4880.

Gesonia 2824.
getusalis 4608.
Ghoria 574.
ghosha 3890.
gibbosalis 4409.
gigantea 198.
gigas 137, 556.
gigas 555.
gilia 16.
gilia 25 ×.
gilviberbis 4656.
Ginæa 2760.
giraffata 3732.
Girpa 2470 ×.
glabra 1783.
glabrella 4796.
glacialis 430, 453.
Glanycus 784 ×.
glareosa 3505.
glauca 3094.
glaucaria 3457.
glaucescens 1356.
glaucinans 2452.
glaucistriga 2120.
glaucopis 441, 2542.
Glaucopis 273, 275, 287, 303.
glaucopoides 279.
glaucoptera 35.
glaucularis 4207.
gleba 3323.
glomeralis 2988.
gloriosa 61, 699.
gloriosæ 1786.
Glossina 4473.
Glottula 1780.
Glottula 1781.
GLOTTULIDÆ 1780.
Gluphisia 1177.
Glyphodes 4177.
Glyphodes 4304, 4305, 4308, 4414.
GLYPHYPTERYGINÆ 4921.
Glyphypteryx 4921.
Gnathothlibus 106.
gnidusalis 4501.
Gnophos 3314.
Gnophos 3403 ×, 3408A.
Gnophria 627, 629.
Godana 4741.
Godara 4176.
godartii 241 ×.
goliathella 4609.
Gomena 925.
Gonerda 755.
goniaria 3440.
Gonitis 2236, 2237.
Gonitis 2240.
Gonodela 3636 ×, 3638A.
gonograpta 101.
Gonophora 1630.
GONOPTERIDÆ 2234.
gopara 835.
Gorgopis 1614.
Gorodontis 3190.
Gortyna 2149.
gortys 90.
gossypiella 4900.
gossypii 500.
gothica 2016.
Gracilaria 4923.
GRACILARINÆ 4924.
gracilis 4245.
Gracilodes 2738.
graciosa 1286.
graellsii 1806.
grammearia 4021.
Grammodes 2676 ×.
Grammodes 2680.
grammophora 715.
grandicularia 3932.
grandis 175, 1008.
granitalis 4296.
granitalis 3627.
granitaria 3408.
granulata 2343 ×.
graphicalis 4322.
Graphiphora 2008 ×, 2008A, 2018A.
Graphiphora 2016, 2023.
Grapholitha 4762.
GRAPHOLITHINÆ 4759.
grata 3441.
grataria 3968 ×.
gratella 4570.
gratiosa 700.
gratiosalis 4246
gratiosellus 4661.
gravata 2616 ×
gravatalis 2971.
gravidata 3546.
gregalis 2703.
grisea 1009, 1479, 1978, 2265, 2362, 3909.
griseella 4647, 4828.
griseipennis 1386, 2880, 3772.
griseofasciata 1675.
griseovirens 2412.
Grotea 631.
grotei 207, 242, 982, 1517, 1547.
Gubaria 3631 ×.
guerini 1539.
guttana 4770.
guttanivis 2240.
guttata 745, 3716.
guttata 908.
guttifera 666, 1312.
guttiventris 2217.
guttivitta 545.
guttulosa 2413.
guttulosana 710.
guttulosana 2413.
Gynæphora 868.
Gynautocera 399.
Gynautocera 372, 400, 407, 411, 443.
gynopteridia 3176.
Gynopteryx 3228.
gyra 1387.
gyrans 13.
Gyrtona 2373 ×.

H

Habrosyne 1629 ×, 1629A.
Hadena 1931 ×, 1933A.
Hadena 1780, 1925, 1945, 1947, 1949, 1961, 2043, 2044, 2050, 2069, 2099, 2104, 2120, 2145.
hadenalis 2954.
HADENIDÆ 1925.
Hadennia 2991.
hades 1367.
hæmataria 3395.
hæmatopus 630.
hæmorrhoa 2638.
hæmorrhoda 2638.
hæsitans 2715.
halialis 4421.
haliaria 3442.
hamalis 4410.
Hamaxia 4644.
hamifera 1676, 4380.
hamifera 2312.
Hamodes 2578 ×.
Hanisa 1106.
Hapalia 4082.
Hapalia 4044, 4048, 4054, 4060, 4066, 4067.
hapaliscus 4695.
Hapsifera 4785.
Harapa 1077.
Harita 2855.
Haritala 4319.
Harmatelia 2726.
Harpalyce 3884.
harpaxalis 4579.
Harpyia 1126.
hastata 1936.
hastiferella 4601.
Hastina 3071.
Hathia 95, 96, 98.
Hazis 3083, 3084.
hearseyana 549.
hearseyana 550.
hearseyi 1580.
hebesata 3639.
Hecatera 1969.
hedicaria 3762.
Hedylepta 4341.
Hedylepta 4338.
Heleona 419.
helferi 1562.
Helia 3041.
heliapta 4840.
helicina 2559 ×.
heliconia 519.
heliconia 522.
Heliocheilus 1757.
Heliophobus 2142, 2143.
Heliothela 4526.
HELIOTHIDÆ 1722.
Heliothis 1730 ×.
Heliothis 1635, 1737, 1753, 2232.
Heliothisa 1730, 1731, 1734, 1753.
Hellula 4518.
Helvialis 4474.
Hemaris 4, 4A.
Hemeroblemma 2622.
Hemerophila 3276 ×.
Hemerophila 3260, 3263, 3264, 3267, 3268, 3269, 4006, 4011.
Hemerosia 4767.
hemichroma 29.
hemirhoda 1883.
Hemithea 3485.
hemithearia 3519.
hemodi 2442.
Heosphora 4628.
hepatica 1483, 2319.
hepatizans 2758 ×.
HEPIALIDÆ 1606.
Hepialus 1606.
Hepialus 1586.
Heraclia 324.

Heracula 1063.
herbaria 1819.
herbealis 3015.
herbicolens 3670.
herbidaria 3367.
herbifera 1316.
Herbula 4363.
Herbula 4362.
Heroulia 4511.
HERCYNIDÆ 4362.
Herdonia 4427.
Herimba 484.
heringii 4562.
Herminia 2950.
Herminia 2843, 2928, 2989, 3021.
HERMINIIDÆ 2930.
Hermogenes 4875.
Hermonassa 2033.
hermonia 2535.
Herpa 438.
Hespera 185.
Hesudra 573.
Heterocampa 1167, 1168A.
heterocampa 2097.
Heterocnephes 4328.
Heterographis 4602.
Heterolocha 3194, 3195.
Heteropan 437.
Heterusia 367 ×.
hibisci 4858.
Hiccoda 1818.
hieroglyphica 1788, 2535.
hieroglyphicus 2535.
hilaris 646, 1282, 4210.
hilarata 3520.
hilarella 4919.
Hileia 3689.
himachala 42.
Himala 1056.
himala 3057.
himalayana 497A, 1124 ×.
himalayata 3197.
himalayica 3197.
Hingula 2707.
Hinnæya 1591.
Hipocrita 528.
Hipocpa 2989.
Hippola 290.
Hippotion 88.
Hirasa 3360.
hirudinata 3795 ×.
hirudinicornis 4780.
hisbonalis 2979.
Histia 395.
Histia 399.
histricalis 4355.
histrionica 456.
histrionicus 456.
hockingella 4912.
hockingii 496A, 1282A, 1446A, 4504.
Hæmorrhoida 1883.
Homæa 2551.
homœna 2475.
Homodes 2189 ×.
Homodes 2811.
Homœosoma 4606.
Homœosoma 4570, 4600 4675.
Homona 4774.
Homoptera 2457.
Homoptera 2451, 2454, 2469.
HOMOPTERIDÆ 2451.
Hondella 1336.
honesta 2136, 2598 ×.
honoraria 3610.
Hoplitis 1204.
Horaupella 1332.
hormenia 404.
Hormisa 2929A.
horridaria 3641 ×.
horsfieldi 1102, 3081.
hortensis 1836.
Hoterodes 4217.
howra 836, 912, 1677.
hübneri 296.
hübneri 292.
hügeli 501, 2111, 3748.
Hulodes 2575 ×.
Hulodes 2470, 2472, 2621, 2641.
humeralis 306.
humeraria 3279, 3933.
humiferata 3135.
humilis 681.
huttoni 1103, 1551.
Hyada 1978.
hyadaria 3706.
hyalina 243, 446, 899, 1238A.
hyalinata 3506.
Hyalitis 4259.
hyas 40.
hybernaria 3749.
Hybernia 3749.
Hyblæa 2230.
Hyblæa 2879.
hyblæa 1989.
hyblaecella 4780.
HYBLÆIDÆ 2230.
hyblæoides 1732, 4524.
Hyboma 1773 ×, 1773A.
hybrida 2474.
hybridalis 4530.
Hydaspia 4596.
hydatina 244.
Hydræcia 1213.
Hydrelia 1904.
Hydrelia 1906.
Hydrilla 2135.
Hydrillodes 2970A, 2971 ×.
Hydrocampa 4428.
Hydrocampa 4174, 4229, 4262, 4369, 4397.
hydrocampata 3900.
HYDROCAMPIDÆ 4389.
Hydrusa 267.
Hydrusa 273.
Hyela 1906 ×.
hylas 5.
Hylcicus 181.
Hylophila 506.
hylusalis 2376 ×.
hymenaria 3398.
Hymenia 4261.
Hymenia 4238.
Hypætra 2645.
Hypætra 2649, 2650, 2651 2654, 2655, 2656.
Hypargyria 4565.
hypatialis 4151.
Hypena 2861 ×, 2862A.
Hypena 2776, 2851, 2923, 2925, 2926, 2927, 2928, 2929.
hypenalis 2992.
HYPENIDÆ 2844.
hypenöides 1793, 2693.
Hyperœschra 1530.
hyperanthera 1501.
hyperbolica 3058.
Hypercompa 798 ×.
Hypercompa 342, 551, 810, 825.
hypermnestra 2480.
Hypernaria 2580.
Hyperythra 3146 ×.
Hyperythra 3145, 3163.
Hyphantria 772.
Hypocala 2286.
HYPOCALIDÆ 2286.
Hypocalpe 1219.
Hypochroma 3384.
Hypochroma 3370, 3371, 3372, 3373, 3375, 3376, 3377, 3379, 3381, 3384 ×, 3416.
Hypochrosis 3705.
Hypocrita 748.
hypocyana 2530.
Hypocpa 2989.
Hypogramma 2399.
HYPOGRAMMIDÆ 2389.
hypoleuca 2495.
Hyponomeuta 4830.
Hyponomeuta 4919.
HYPONOMEUTINÆ 4830.
hypophæa 2453.
Hypoprepia 630.
Hypopyra 2563 ×, 2563A.
Hypopyra 2470, 2562, 2576.
HYPOPYRIDÆ 2558.
Hyposcotis 3410.
Hypospila 2348.
Hypospilata 3891.
hypothoüs 113.
Hypotia 4519.
hypotialis 4529.
hyppasia 2687.
Hypsa 517 ×.
Hypsa 512, 513, 515, 528, 529, 531, 532, 534, 535, 536, 538, 539, 540, 541, 546.
hypsata 3733.
HYPSINÆ 512.
Hypsipyla 4566.
Hypsopygia 4446.
Hypsotropa 4630.
Hyria 3972.
Hyria 3965, 3966, 3968, 3971.
hyriaria 3565.

I

ibycusalis 4448.
Icambosida 769.
Icambosida 861A, 862.
ichthyura 1193 ×.
icilia 941.
iconica 2239.
iconicalis 2881 ×.
icterica 1117.
ictericalis 4534.
Ictorodes 3720.
idæoides 3298.
idalialis 4449.
idearia 3934.
Idæa 3755, 3953, 3956.
Idœa 3912 ×, 3943A.

IDŒIDÆ 3912.
idonea 2000, 2571.
idyalis 4116.
ignavus 1388.
ignescens 1531.
igniflua 1502.
igniflualis 4513.
ignita 2211.
ignivorata 3206.
ignobilis 3796.
ignorata 3566.
ignotalis 2882.
ila 682.
Ilattia 2086 ×.
ilella 4587.
ilita 1056.
illecta 2099.
illectalis 4345.
illepida 1041.
illibata 2622 ×.
illisalis 4107.
illucida 2363.
illusella 4525.
Ilurgia 4225.
ilusalis 4057.
Iluza 2314.
Ilyrgis 2938.
imaon 245.
Imaus 1012.
imbecilis 1389, 3272, 3289, 4234, 4450.
imbella 4734.
imbrata 3893.
imbuta 860, 1799.
imbutalis 4351.
imitans 418 ×.
imitaria 3586.
imitata 1837.
Imma 2940.
immaculata 3528.
immaculata 942, 967.
immeritalis 4689.
immeritella 4859.
immissaria 3458.
immixtaria 3787.
immodesta 2344.
immundalis 4112.
immutata 1390.
impactella 4939.
imparata 1807 ×, 2191, 3344 ×.
imparatalis 2980.
imparella 4597.
impariguttella 4914.
impellens 1808.
imperator 31.
imperialis 810.
impingens 2402.
impleta 801.
impleta 2195.
impletaria 3324.
implicata 3860.
impressella 4797.
imprimata 4006.
imprimens 2414.
impulsa 2162.
impulsalis 4368.
inæqualis 2212.
inamata 3232.
inangulata 2472 ×.
inanitalis 4058.
inanitella 4599.
napertaria 3567.
naptaria 3459.
nara 2631 ×.
incandescens 1363.
incerta 1030 ×, 2213.
inchoans 2331.
inchoata 2153.
inchoata 3642.
incipiens 266.
incisa 2036, 2144.
incisalis 4137.
incitans 1223.
incitata 3694.
inclaralis 4664.
includens 2375.
includens 2654.
inclusa 1927.
incoloralis 4059.
incomalis 4176.
incommoda 4411.
incomptaria 3690.
inconcisa 913.
inconcisella 4802.
inconclusa 3370.
incongrua 4451.
incongrualis 2925.
incongruens 77 ×.
inconspicua 683, 3671 ×, 4038.
inconspicuella 4580.
inconspicuellus 4673.
inconstans 710A.
increta 179.
incurvata 2883, 3773.
inda 1861.
indecisa 1232, 1884.
indecoralis 2754.
indecorella 4810.
indecretata 3529.
indeterminata 1779, 3460.
indiana 2006.
indica 150, 199, 276 ×, 837 ×, 1177 ×, 1183, 1196, 1333, 1590, 1630, 1769, 1975, 2041, 2048, 2138, 2303, 2429, 2729 ×, 3650, 4197, 4714, 4829, 4843.
indica 1593, 2234.
indicalis 2884.
indicalis 4197.
indicaria 3762.
indicatalis 4601.
indicus 1131, 1606.
indicus 150.
indistans 1937 ×, 4094.
indistincta 684, 2359, 2605, 2729 ×, 3306, 3611.
indotata 3621.
indrasana 344.
inducta 602.
inductata 3935 ×.
ineffectalis 2885.
inefficiens 1809.
inepta 2450.
inexacta 170, 2403.
inextricans 1937.
inextricata 2139, 2205, 3854, 4390.
infantularia 4026.
infausta 2075.
infaustella 4820.
infecta 2121.
infelix 3963.
inferens 1654.
infernalis 1.
infernalis 2.
inficita 4635.
infida 2194.
infirmata 3622.
infixaria 3325, 3587
inflexa 701.
infligens 2454 ×.
infrequens 1916.
infrictaria 3623.
infumata 718.
infusaria 3368.
ingens 4816.
ingrata 4506.
Ingura 1198 ×.
injectaria 3351.
innocens 1810.
innotana 4754.
innotata 591.
innubila 1885.
ino 635.
ino 2628.
inobtrusa 1494.
inops 541.
inordinata 1114 ×.
inornata 1313, 3202.
inornata 2088.
inquinalis 88.
inscisalis 4137.
inscitalis 4247.
inscitia 3035 ×.
insignata 1262, 2112.
insignata 2121.
insignis 75.
insipida 10.
insocia 1971.
insolitata 3547 ×.
insolitus 784 ×.
inspersalis 4278.
inspurcata 3855.
instabilata 3703.
instituta 3956.
insula 500, 2117.
insulana 500, 550 ×.
insularis 4789.
insulata 2187.
intaminata 1990.
intectaria 3345.
integra 2163.
integrata 3612.
intensa 1503.
intensata 3936, 4008.
intenta 2462.
intercissa 3521.
interlecta 473.
interlectum 473.
intermedia 4907, 3733A.
intermedialis 4363.
intermediella 4811.
intermixta 582, 3763.
interplagata 3856.
interpulsata 3568.
interpunctalis 4175.
interrupta 23, 787, 2805.
interruptalis 4060.
interruptaria 3263.
interruptata 3797.
interruptellus 4674.
intersepta 1811 ×.
interserta 685.
interstincta 2014.
interstitialis 556.
intimalis 4381.
intracta 1991.
inustaria 3160.
invalida 1391, 3937.
invalidana 4750.
invariella 4819.

invectalis 4723.
invectaria 3326.
invexata 3553.
involuta 2141, 2241.
Iodis 3482, 3494.
Iodis 3527.
iole 1548.
iolealis 4118.
Iontha 2594.
iopasalis 4095.
Ipimorpha 1792.
Ippa 4879.
Iramba 3785.
iratus 277.
irenea 323.
iridicolor 3101.
iris 3215.
irrecta 2806×.
irrectalis 4391.
irregularis 790, 1721.
irrorata 923, 1057, 1086, 1170, 1452, 1677A, 1714, 1754, 3059, 3207, 3299, 3591, 3734.
irrorataria 3377.
irrorella 4876.
irus 283.
isabella 1283.
isabellina 762.
ischnodactylus 4546.
Ischyja 2492×.
isometra 3408A.
Isoples 83, 85, 86.
Isopteryx 4433.
Isopteryx 4368, 4369, 4389, 4436, 4437.
italica 1839.
itomalesalis 4061.
iterata 3327×.
itwarra 2127.
itysalis 4184.

J

jacta 3938.
jaguaralis 4316.
jameza 3857.
Jana 1363.
Jana 1362, 1365, 1366.
Janarda 3709.
janapalis 4096.
janiusalis 4452.
Jarasana 2338.
Jartheza 4711.
jasminaria 3707.
javana 532.
joannisella 4569.
jocasotrix 2199×.
jocosalis 2886.
jocosatrix 2199.
jolinalis 4118.
jopasalis 4095.
joviana 2663.
joviana 2670×.
jovis 2670.
jucunda 838.
jucundalis 4062, 4489.
jucundalis 4343.
judicata 1838.
jugaria 2390.
jugorum 3280.
juncea 1733.
junctifera 882.
junctura 1145, 1992.
juncturalis 4354.
junonia 125.
justiciæ 914.
jutalis 2993.
juvenis 1336.

K

kala 4685.
Kalabana 3133.
kalitura 2164.
kamadena 1512.
kametaria 3168.
Kanchia 1088.
kandyia 1126.
kantalaria 3102.
Karana 1772, 1772A.
kargalica 943.
kargalika 1770.
kashghara 1200, 3892.
kashmirensis 3955.
kashmirica 3884.
kasmirica 4097.
Katha 580.
katinka 1554.
kansalia 983×.
Kerala 1641×.
Khadira 2481.
khandalla 791×.
khasiana 135, 215, 246, 542, 1361, 1480, 2131, 2737, 3643, 3672.
kindermanii 151.
kingi 5.
kirbyi 2512.
kochlini 109.
Kophene 497.
Korawa 572.
Kosala 1485.
Krananda 3661.
kulluana 199A.

L

Labanda 3014×.
labatalis 2887.
labraria 3735.
Lacera 2756×.
laceratalis 2888×.
lacessalis 2889.
Lachana 1071A.
lachesis 166.
Lacida 875, 883, 884, 1039, 1041, 1042, 1043.
Lacides 538.
Lacipea 4645.
lactea 887, 944, 1053×, 1119, 1867.
lactealis 4666.
lacteata 520×, 839.
lacteipennis 4547.
lacticinia 463.
lactiferalis 4311.
lactinea 818.
lacustralis 4185.
ladakensis 1071A, 1964.
Lælia 889.
lælia 894, 896.
Læliodes 886.
læsalis 2890.
læsaria 3482.
læta 1284×, 1453, 3548.
lætabilis 2622.
lætata 3522.
lætitia 2539.
lagenifera 2094.
Laginia 3196.
Lagoptera 2595, 2596, 2597, 2598.
Lagyra 3134.
lahora 123.
laleana 1285.
Lamida 2942.
Lamoria 4732.
lampadifera 2132.
Lampropteryx 3896.
Lamura 3000.
lanceata 1678.
lanceola 1938, 2818.
lanceolata 1037.
lanceolata 1743.
lancina 507.
langia 134.
languidata 3726.
lanuginosa 1343.
Laphygma 2122×.
Laphygma 2119, 2121, 2122×.
lapidaria 734.
lapidella 4832.
lapsalis 2990, 4537.
lapsariata 3722.
Larentia 3758×.
Larentia 3778, 3860.
LARENTIDÆ 2753.
Lasiocampa 1488.
Lasiocampa 1335, 1413, 1414, 1415, 1418, 1444, 1457, 1458 1463, 1494, 1500.
LASIOCAMPIDÆ 1327.
lassa 1993.
Lassaba 3356.
lata 2420.
latana 736.
lataria 3494.
lateralis 2351.
laterculella 4628.
lateritialis 4571.
lateritiata 3808.
lathyrus 110×.
laticilia 475.
laticincta 3018.
laticostalis 4201.
latifascia 945, 1176, 1317, 2670A.
latifasciata 2054, 3060, 3596.
latifasciella 4828.
latifusata 3813.
latimarginalis 4346.
latimargo 2242.
latipennis 2104.
latipennis 1495.
latistriga 472×.
lativitta 377, 792, 961, 1907×, 2290, 2338, 2415, 2891, 3095, 3910, 4230, 4297, 4476.
lativittaria 3820.
lativittata 1392×.
latreillei 2226.
latreillii 247.
laudatella 4447.
laura 285.
Lauria 432, 433
Laurion 432.
Laverna 4984.

LAVERNINÆ 4934.
laxalis 4581.
layardii 117, 491.
Lazanda 1651.
Lebeda 1457.
Lebeda 1491, 1495, 1499, 1506, 1508.
lecana 3029.
lectula 2164.
Leioptilus 4552.
leithiana 968.
Lenodora 1440×.
lentalis 2972 ×, 4063.
lentalis 4558.
lentiginosaria 3169.
Lenyra 204.
Leocyma 1782, 1783.
leodicealis 4201.
leonina 2595.
leopardalis 4039.
leopardina 802, 3736.
leopardinata 3373.
leopardinata 3736.
lepcha 17, 248, 1025.
lepida 1286, 2435.
lepidalis 4371.
lepidalis 4238.
leptalina 447.
Leptojana 1430.
Leptosia 1902 ×.
Leptosoma 472×.
Lepyrodes 4238, 4328, 4372.
Lepyrodes 4370.
Letchena 4498.
lethe 166.
leto 1532.
Letoa 4641.
Letois 1292.
leucadactylus 4548.
leucania 4684.
Leucania 1656×, 1659A, 1677A.
Leucania 1654, 1655, 1709, 1722, 1724, 1727.
LEUCANIIDÆ 1652.
leucanioides 1747.×
Leucinodes 4286.
Leucoma, 945, 1088.
leucomelas 442.
leuconota 1591.
leucophœalis, 4369.
leucophæella 4591.
Leucophlebia 153×.
Leucopsumis, 441.
leucosoma 263.
leucospila 2084.
leucospila, 2088.
leucospilota 467, 557, 3461.
leucosticta 1976.
leucostigma 2055.
leucostigma 2642.
leucostigmaria 3378.
libera 249.
Libuna 4706.
licheniferata 3363.
lichenigera 767.
lichenoides 2416.
lichenosa 2262, 2266.
lidderdalii 354, 1461, 3569.
lienigialis 4446.
ligaminosa 1886.
ligataria 3939.×
Ligdia 3751.×
ligoralis 4563.
lignaria 71, 4006.
lignealis 2892.
ligneus 1599.
lignicolora 2398.
ligniferata 1526.
lignosa 1510.
lignulina 4644.
lilacii 2645.
lilacina 578, 890, 1238B, 3061, 3238.
Limacodes 941, 1280, 1282, 1284, 1286, 1291.
LIMACODIDÆ 1265.
limbalis 4142.
limbata 647, 915, 3092, 4123.
limbata 3029.
limbirena 2165.
limbolalis 4256.
limbolaria 3148.
limbosalis 2955.
limeusalis 4675.
lindia 1549.
linealis 4392, 4399, 4727.
lineata 153, 1023, 1430, 1462, 3443.
lineata 109, 1022.
lineatipes 1679.
lineatonotella 4833.
lineâtrix 2200.
lineifera 2716.
lineola 2786.
lineolata 1135.
lineosa 104, 1366, 1418, 2116, 2243, 2956, 3774, 3798.
linga 702.
linteola 2347.×
LIPARIDÆ 866.
Liparis 957, 958, 994.
LIPUSINÆ 4784.
Litbada 3220.
literata 1636, 1775, 1952.
lithina 3629.
LITHOCOLLETINÆ 4943.
Lithocolletis 4943.
Lithophane 2330.
Lithosia 617.
Lithosia 555, 556, 565, 569, 570, 576, 577, 580, 582, 583, 591, 592, 594, 595, 597, 598, 602, 612, 613, 614, 615, 620, 624, 626, 628, 635, 641, 656, 818, 4091, 4654.
LITHOSIIDÆ 512.
LITHOSIINÆ 554,
lithosioides 1216, 4638.
littoralis 2120 ×.
litura 880×.
liturata 1127.
livida 3814A.
livornica 109.
lobata 2787 ×.
lobifera 1822, 2759.
lobiferana 4763.
lobipennis 4126.
Lobophora 3890, 3891.
Lobophora 3898.
lobulata 4384.
Locastra 4473.
Locastra 4475.
loceusalis 4453.
Locharna 1065.
loculpes 1330.
Lodiana 4614.
Loepa 1554×.
lœsa 1286A.
lola 1569.
lomaspilalis 4414.
Lomotropa 4218.
longella 4791.
longicauda 491A.
longicornis 4798.
longipalpis 2794.
longipennis 339, 342, 803, 1179, 2371×, 2893.
longivitta 1186.
Lonomia 1251.
Lophoptera 2380×.
Lophopteryx 1161×.
Lophura 37.
lora 4186.
loreyi 1680.
loricata 4497.
Loryma 4704.
Lotanga 4161.
lotrix 738.
Loxochila 3428.
Lozostoma 4941.
lucasii 95×.
Luceria 2937.
Lucia 3765.
lucia 1393.
lucida 1838A, 4572.
lucidicostella 4612.
luciferalis 4186.
luciferata 3232.
lucilla 2513.
lucillalis 4454.
lucina 250.
luctuosa 1839.
luctuosalis 4259.
ludatrix 2194.
ludiana 2738.
ludovicata 3544.
Lugana 2228.
lugens 2625.
lugens 3181.
lugubris 1097, 1879.
luminalis 4263.
luminosa 2545.
luna 1534.
lunalis 4271.
lunata 946, 1010, 2037.
lunata 1014.
lunifera 2807, 3042, 3462.
lunula 1541.
lunulata 2209, 3082.
lunuliferata 3225.
lunulineata 3657.
lunulosa 3570, 3969.
Luperina 2094.
lupulinalis 4068.
lusalis 2908.
lusca 1463.
Lusia 2999.
lutea 3148×.
lutea 4091.
lutealis 4091.
luteata 3148.
luteata 19.
luteellus 4696.
luteiceps 2307.
luteifrons 1953.
luteipalpis 2671.
lutescens 947.
Luxiaria 4006 ×.
lycœnaria 3523×.
Lycauges 3754× ×.
lycetus 94.

Lycimna 3185 ×.
Lyclene 675 ×.
Lyclene 639, 641, 649, 706.
lycopodia 2702.
lydia 643.
lydialis 4338.
Lygniodes 2493.
Lygranoa 3805.
Lymantria 883, 1022, 1023, 1024, 1026, 1029, 1030.
Lymantria 999×, 1004A, 1012A.
Lyncestis 2333.
LYONETINÆ 4944.
Lyssa 3046.
Lyssidia 3045, 3046.

M

Mabra 4254.
Macaldenia 2641×.
Macaria 3605.
Macaria 3617, 3618, 3619, 3620, 3622, 3623, 3626, 3627, 3629, 3630, 3631, 3632, 3633, 3634, 3635, 3637, 3638, 3639, 3640, 3642 3644, 3645, 3647, 3648, 3649, 3651, 3659, 4001, 4002, 4003, 4006.
macariata 3463.
MACARIDÆ 3605.
maccalis 4064.
Maceda 2233.
maceratalis 4194.
machæralis 4152.
Machæropteris 4791.
mackwoodii 487, 4882, 4784.
Macna 2829.
macralis 4194.
Macrernis 4840.
Macrobrochis 554.
Macrobrochis 582, 594, 602, 628, 656.
macrocalata 3903.
Macrocilix 1258.
Macroglossa 9×.
Macroglossa 1, 4, 5, 8, 36.
MACROGLOSSINÆ 1.
macroglossoides 56.
macromera 80.
macrops 2533.
Macrosila 169, 170, 174, 176, 180.
macruraria 3464.
mactans 703.
macularia 3753.
maculata 355, 361×, 564, 900, 1171, 1870, 3507, 3711, 3831, 3858, 4781.
maculata 2479.
maculatrix 324×.
maculicosta 2778.
maculifascia 711.
maculifera 119.
maculosa 464, 1840.
maculosa 1008.
madana 948.
Madopa 2968.
Mænas 2478.
mænas 1533.
magica 2595.
Magiria 4597.
magna 2257.
magnifica 378, 569, 1928, 3524.
magnificalis 4422.
magnificata 3815.
Magulaba 2738 A.
mahananda 1454.
Mahanta 1478.
Mahasena 496, 496A.
Mahavira 571.
Mahoba 1057.
major 103, 483.
malabaricus 1619×.
malacellus 4697.
malayana 3083.
malayanus 3083.
maliferalis 4213.
maligera 2487.
malinellus 4835.
mallarba 2128.
Mamestra 2067 ×, 2076A.
Mamestra 2083.
Manatha 493.
mandatalis 2894 ×.
mandronalis 4153.
manifestalis 3000.
manlia 2492 ×.
mansueta 2233.
Manulea 585.
Maradana 1910 ×.
Marapana 2925 ×.
Marasmia 4108.
Marcala 3204×.
marchalii 551×.
marcidaria 3975.
marcidus 1607.
Mardara 997.
margarita 1903×, 3593.
margaritacea 724.
margaritaria 725.
margaritata 3105×.
margaritata 1903.
Margaritia 3029, 4091, 4131, 4146, 4149.
Margarodes 4200, 4201, 4202, 4207, 4208, 4209, 4212, 4213, 4215.
Margaronia 4205.
Margaronia 4200, 4201, 4202, 4204, 4209, 4210, 4211, 4212, 4213, 4215, 4658, 4659.
MARGARONIDÆ 4177.
marginago 1753.
marginalis 929, 1748, 4098, 4187, 4393.
marginalis 4124.
marginata 721, 819, 969×, 1003, 1264, 1744, 1753, 1800, 1924, 2308, 2318, 2581, 3001×, 3040, 3654, 3747.
marginata 4124.
marginella 4660.
marginipunctella 4860.
Marimatha 1867.
marisalis 4119.
marmorata 365, 3832.
marmorea 515, 1214, 2223.
marmorealis 4374.
Marmorinia 2816.
marsyusalis 4561.
martaria 3737.
marthesiusalis 4211.
martiata 3193.
martinalis 4154.
Maruca 4229.
Marumba 140, 141.
maruta 984.
Masalia 1754×, 1755A.
Masca 2838.
masoni 251.
massalis 4528.
Massepha 4332.
massurensis 144.
mastrucata 2446.
Mastygophora 2904.
masurialis 2895.
masuriensis 37.
Matella 2745×.
materna 2474×.
matherana 777.
Mathura 2856.
mathura 1026.
maturata 2617×.
maturescens 2618.
mauraria 3264.
Maxates 3450×.
maxima 1771×, 2688×, 3357.
Maxula 2571.
Mecodina 2818.
Mecyna 4141.
medardaria 3422×.
Medasina 3260.
media 1939.
mediana 1776, 2896.
medinalis 4118.
mediovittaria 3816.
medmaria 3904.
medusa 165.
megalopsalis 4065.
Meganoton 176.
Megaphysa 4294.
megapteralis 4165.
Megasema 2016, 2023.
Megasema 2032.
Megasoma 1500, 1504.
megaspila 3116.
Megastigna 1947.
melaleucalis 4369.
Melanippe 3812 ×, 3812A.
Melanippe 3727, 3860.
melanomera 177.
melanopalis 4288.
melanophila 945.
melanopsis 811.
Melanthia 3814, 3860.
melanthus 764.
melas 252.
meleagris 2456.
meleagrisalis 4362.
melicerte 2624.
melicerte 2628.
Melicleptria 1731, 1734, 1737.
melidiata 3859.
Melinoessa 3157.
Melipotis 2582 ×.
Melissoblaptes 4734.
Melittia 195 ×, 199A.
Mella 4601.
mellonella 4725.
melonalis 4144.
membliaria 513.
memorata 3970.
Menapia 1512.
Menapia 1187.
mendicella 4869.
mendosa 1037.

Menophra 3269.
mensalis 4445.
meonaria 3673 ×.
mercatoria 2628.
Mergana 3235,32 36, 3237, 3239.
Meridarchis 4874.
meridionalis 1841, 4568.
meridionalis 4238.
meritalis 4312.
meritaria 3483.
mesenterialis 4493.
mesogona 2244.
Mesographe 4172.
Mesolia 4724.
Messata 1426.
Mestleta 2798 ×.
Metabraxas 3724.
metachromata 3719.
Metachrostis 1902×, 1902A.
metagonaria 3633.
metagonaria 4011.
metallaria 3196.
metallica 68, 2076.
metallica 432.
metalliferella 4565.
metamelana 949.
Metanastria 1439, 1457.
metaphæa 1146.
metaphæaria 3123.
metarhoda 1008.
Metasia 4665, 4666.
metaspila 2296 ×.
metaspilaria 3940.
metaxantha 2245.
Metaxmeste 3029.
Metaxya 1980.
Methorasa 2226.
Metoxydia 3214.
Metisa 494.
mezankooria 1563.
mezenteria 2625.
mezentia 2625.
Miana 2088, 2135, 2136.
micaceana 4739.
micans 1011.
Micra 1899.
Micra 502, 1881, 1883, 1896.
Microcossus 4784.
Microeschus 3965.
Microlophia 76.
Micronia 4012 ×.
Micronia 4016, 4017, 4019, 4020, 4021, 4022, 4023, 4025, 4026.
microniaria 3687.
MICRONIDÆ 4012.
Micronidia 4019.
MICROPTERYGINÆ 4822.
Micropteryx 4822.
microrhœa 2598.
Microsca 4383.
Microsemyra 865.
midama 401.
Midea 4731.
Migoplastes 546.
Migoplastis 546.
miles 434.
Milionia 3094.
militaris 3084.
millepunctatellus 4835.
Milleria 435.
Milleria 410, 415, 425, 432, 433.
Miltochrista 632.
Miltochrista 686, 695, 703.
milvinalis 4162.
Mimas 131.
mimicalis 2897.
mimosæ 4934.
mimulina 3665 ×.
minea 1592.
mineus 1592.
mineusalis 4323.
minima 114.
minimaria 3379.
miniosata 3821 ×.
minor 102 ×, 252A, 486, 498, 1439, 1601×, 2779, 3660, 4483, 4782, 4812.
minoralis 2931.
Minucia 2600 ×.
minuellus 4836.
minus 67.
minutella 4594.
minutellus 4683.
minuticornis 1220.
mirabilis 82.
miranda 1555.
miraria 3072 ×.
Miresa 1305×, 1315A, 1315B.
Miresa 1294, 1443.
Miressa 1305, 1315.
mirificalis 4221.
miscellaria 3409.
misera 2944.
miseralis 4447.
mistacalis 2928×.
mitaria 3590.
Mithila 2262.
Mithuna 599.
mitigata 3976.
Mixophila 4438A.
Moca 4638.
Mocis 2697.
modesta 1437, 1681, 1729, 1777, 1908, 1969, 1994, 2251, 2344, 2560, 2898, 3624×.
modesta 133.
Modiana 4601.
mœliusalis 4349.
Mœpa 2423.
mœrens 985.
mœstalis 2738A.
molata 3897.
mollifera 1394×.
mollis 1314, 1395.
mollis 2562.
molpusalis 2899.
molusalis 4366.
Molybdantha 4436.
Moma 1213.
mona 757.
moncusalis 2942.
Monema 1324.
monesusalis 4143.
monetella 4842.
monilialis 2376.
monilis 2091.
monochromata 3553.
monoleuca 2391.
monolitha 2258.
montana 253, 783.
montanaria 3860.
montanata 3860.
monycha 521.
moolaica 468.
moolla 2297.
moorei 271, 362, 820, 1111, 1141, 2514, 3571.
mopsa 779.
mopsa 478.
mori 1098.
mormoides 2515.
morosa 2739, 2930×.
morosella 4667.
Mōrova 4387.
Morpheus 1586.
morpheus 185.
morta 166.
morvusalis 4204.
Mosara 2351×.
Moscha 2749.
Motama 2064.
mucidaria 3358, 3410.
mucronata 2056.
multicolor 2597.
multifenestrata 1354.
multigutta 268.
multiguttata 825, 2808.,
multiguttatus 825.
multilinealis 4306.
multiplicans 1878.
multipunctaria 3254.
multipunctata 1641×.
multiscripta 2476.
multistrigaria 2321×, 3062, 3106.
multistrigata 1593.
multivagellus 4698.
multivittata 768.
munda 1012.
munda 1981.
mundata 3369.
mundicolor 2680.
mundissima 3941.
mundus 1012.
muricoloraria 3124.
murificalis 4535.
murina 1357.
murinalis 3002.
murinus 1608.
Murlida 1417.
musa 274×.
muscicolor 3879.
muscicoloraria 3386.
muscosa 2377, 3016.
muscosaria 3411.
muscosella 4645.
muscularia 1254.
Mustilia 1481.
Mutanda 3935A.
mutans 1396, 2166, 3428.
mutualis 4334.
Myana 3031.
myandaria 3644.
mydon 66.
Myelois 4559, 4647.
Myelois 4443, 4563.
mygdon 2678×.
mygdonia 2535.
mygdonias 2678.
mylitta 1564×.
myops 2670.
myrinalis 4066.
myrtæa 2788×.
myrtea 2788.
Myrteta 4027.
mysalis 2994.
mysorella 4602.
mysticata 1258, 2395.
Mythimna 1701.

mytylata 3604×.

N

Nabartha 3040.
Nachaba 2217.
Nacoleia 4356.
Nadagara 3887.
Nadagara 3909.
Nadata 1189.
næmata 3861.
Nænia 2271
nævina 4375.
naga 48.
Nagadeba 2754.
Nagasena 2152.
Nagunda 1047.
Nahara 2320.
nainica 1682.
najabula 3045.
Nanaguna 2913.
nanda 1464, 3465.
nandina 1499.
Naprena 1091, 1092, 1093.
Naranga 1813.
Narapa 3305.
nararia 1287.
narcissus 559.
nareda 1667.
Narosa 1318×.
narratalis 2900.
Nasaya 2319.
nasifera 3911A.
Natada 1272×.
natalis 2040×.
naudina 1499.
Nausinoë 4329.
Naxa 3745×.
Naxia 2632×.
Naxia 2636, 2637.
naxiaoides 2133.
Nayaca 860.
Neæra 1281, 1282, 1286, 1289, 1290.
nebulifera 1887.
nebulosa 533, 552, 652, 1565, 2125, 3115.
nebulosata 3572.
nectens 2349.
negatalis 4143.
negataria 3942.
negatella 4861.
nelcinna 457.
Nelcynda 3717.
Nelcynda 3128.
neloalis 4112.
Nemoria 3487×.
Nemotois 4830.
Neochera 514.
neoclesalis 4121.
Neomiresa 1316.
Neoris 1551.
nepalensis 1609.
nepcha 200, 2278.
nephealis 4067.
Nephelo 185.
Nephopteryx 4573.
Nephopteryx 2376, 4555, 4557, 4558, 4567, 4568, 4571, 4649.
Nepita 642×.
neptalis 4329.
neptis 4329.
neptisalis 4329.
Nerice 1180.
nerii 112.
nervosa 996.
nesciaria 3942.
nesciatella 4888.
nessus 105.
Netria 1215.
Neuria 2120.
Neuria 2142.
Neurina 4219.
Neviasca 2842.
newara 201, 254, 1575×.
Niaccaba 4403.
nicobariensis 163.
nictata 3943.
nictneri 363, 490.
Niganda 1149.
nigerrima 2076A.
nigra 1012A, 1594.
nigralbata 3821A.
nigrarenaria 3595.
nigrella 4262.
nigrescens 300, 422, 427, 558, 2126, 2345, 3085, 4099, 4564.
nigricans 793, 1397.
nigrifascialis 4155.
nigrifasciata 34.
nigrifrons 583, 862.
nigrilinea 2832.
nigrilineosa 1683.
nigriluna 2167.
nigripalpata 3799.
nigripalpis 1842, 2834.
nigripars 592.
nigripennis 325.
nigripunctata 3900A.
nigrisigna 1871, 2168, 2694.
nigritarsis 2236.
nigritula 986.
nigrivena 4728.
nigrivittata 1777A.
nigrociliella 4707.
nigrocinerea 2376.
nigrocuprea 2077.
nigrofusca 2945.
nigrofusca 1980.
nigrogrisea 1649.
nigrolinealis 4222.
nigrosigna 2015.
nigrovenosa 465.
nigroviridis 1761.
nigrovittata 3281, 3900B.
niguzaria 3149.
Nikæa 342.
Nikara 1974.
nilgira 398.
nilgiria 1778×.
nilgirica 1398.
niobesalis 4347.
Nioda 1036.
nipalensis 326.
Niphonissa 3249A.
Nisaga 1437×.
nisalis 2776.
Nishada 609.
Nistra 4365.
niteticalis 4144.
nitidicostalis 4202.
nitidula 4927.
nivaha 1315.
nivea 576, 2278A.
niveiceps 1189.
niveigutta 4915.
niveiguttella 4916.
niveiplaga 1946.
nivellus 4676.
niveosparsa 987.
niviapex 2806.
niviferana 4878.
nivimacula 291.
nivosa 1862.
Nobilia 3685.
nobilis 1465.
noctescens 4235.
Noctua 478, 522, 528, 538, 739, 742, 779×, 1097, 1225, 1286, 1624, 1730, 1731, 1734, 1737, 1753, 1780, 1781, 1805, 1825, 1838A. 1839, 1854, 1879, 1903, 1933A, 1980, 2000, 2001, 2016, 2023, 2024, 2069, 2108, 2122, 2137, 2155, 2157, 2177, 2232, 2288, 2291, 2305, 2333, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2492, 2497, 2533, 2534, 2535, 2539, 2552, 2554, 2561, 2572, 2573, 2575, 2583, 2593, 2595, 2596, 2598, 2621, 2622, 2624, 2625, 2628, 2666, 2670, 2675, 2676, 2678, 2679, 2680, 2687, 2697, 2702, 2756, 2760, 2788, 2843, 2844, 3046, 3400, 4329,
noctuella 4530.

NOCTUÆ 1624.

NOCTUIDÆ 1980.
noctuoides 2646.
Nodaria 2985×.
nodicornella 4592.
Nola 728.
Nolasena 1912.
Nolasena 2924×.
Nomophila 4530.
Nonagria 1721.
non-atrum 2016.
Noorda 4227.
nora 3634×.
Noreia 3229.
Noreiah 3232.
Northia 215.
Nosophora 4128.
Nosymna 4897.
notabilis 1823.
Notarcha 4306, 4320.
notata 746, 2680.
notata 1039.
Notioptera 278.
Notodonta 1190.
NOTODONTIDÆ 1114.
NOTODONTINÆ 1135.
novaræ 4777.
novarana 4764.
novatusaiis 2937.
nubecula 603.
nubes 2121.
nubifascia 686.
nubifera 2626.
nubila 1801, 2057.
nubilalis 4068.
nubilata 3822.
nubilosa 4480.
nuda 867.
nudalis 4175.
Nudaria 722.

Nudaria 721.
nudipennis 3340A.
nugata 3862.
nugatrix 2201×.
Numenes 962.
Numeria 3205.
Nyaca 856.
Nyctalemon 3045.
Nyctarcha 4526.
Nyctemera 460.
Nyctemera 469×, 471, 472, 473.
nyctemerata 804, 3387.
nyctemerata 3388.
NYCTEMERIDÆ 460.
NYCTEOLIDÆ 499.
nycteris 8.
Nyctipao 2537.
Nyctipao 2539.
nyctiphanes 169.
nydia 840.
Nygmia 941.
nympha 4414.
Nymphula 4174.
Nymphula 4367, 4422, 4518.
Nyssia 1316.
Nyssia 1284, 1305.

O

obacceralis 2929.
Obdora 2832.
obductalis 2901.
obeditalis 2826.
oberratalis 3000.
obfuscata 1013.
obitalis 4399.
objectaria 3282.
objectella 4946.
oblataria 3966.
obligatella 4862.
obliqua 174, 1647, 1857, 2324, 2327, 2335.
obliqualis 2929.
obliquaria 3170, 3208, 3681×, 4013×.
obliquata 4009, 4136.
obliquifasciata 2728.
obliquilinea 3177.
obliquiorbis 2058.
obliquiplaga 1172.
obliquisignata 3823, 3863.
obliquivitta 841.
oblita 2771, 4100.
obliterans 185, 2540.
obliterata 3328.
oblitterans 597.
obliviaria 3573.
oblongata 3864.
oblongata 3876.
obnupta 3484.
obrimaria 3586.
obrinaria 3573×.
obrinusalis 4324.
obscura 1706, 2384, 2795, 4490.
obscuraria 3063.
obscurata 2516, 3380, 4127.
obscurus 1540.
obsolescens 1120×.
obsoleta 687, 1014.
obstans 2123.
obstataria 4006.
obstitella 4715.
obstructa 1637×.
obstupidalis 2902.
obtectaria 3412×.
obtenta 2233.
obturbata 3923.
obtusa 1247.
obtusana 4765.
obtusata 4016.
obtusisigna 2169×.
obumbrata 2637.
occatus 2903.
occlusata 3809.
occulta 2426.
ocellata 1263, 1324, 2740.
ocellata 3860.
ocellea 4680.
ocellifera 780.
ochracea 648×, 881, 1147, 1297, 1872, 2007A, 2130×, 3036, 3933A.
ochracealis 2957.
ochrea 1252, 3663A.
ochrealis 4069.
ochreata 2170×, 3764,
ochreipennis 2791×, 2904.
ochridorsella 4622.
ochrifasciata 3296.
ochripes 1072.
ochripicta 1399, 4423.
Ochropleura 2020, 2022A.
ochsenheimeri 255.
Ocinara 1108.
octavialis 4237.
octoguttalis 4122.
octomaculalis 4223.
octopunctata 85.
octopunctata 379.
oculalis 3027.
ocularis 863.
oculata 2309.
ocys 88.
Odagra 1061.
Odenestis 1491, 1492, 1497.
Odice 1911.
Odonestis 1491.
Odontodes 2369×.
Odontoptera 3161.
Oebia 4518.
Œcophora 4913.
ŒCOPHORINÆ 4911.
Œdematophorus 4551.
œdipodalis 4059.
Œeta 4914.
œgnusalis 4570.
ægrotalis 4334.
œmealis 4272.
Œnistis 570.
Œnistis 614, 627.
œnone 256.
Œonistis 570.
æstuata 4218.
Ogygia 2024.
Oiketicus 489, 490, 492, 495.
oldenlandiæ 90.
olearia 1038, 3977.
Olene 1035.
Oligochroa 4590.
Oligoclona 994, 996.
Oligostigma 4394, 4399, 4401, 4402, 4414.
Oligostigma 4406.
olivacea 55, 1843, 1948.
olivana 1854.
olivascens 448, 2095, 2364.
olivascens 2355.
olivea 1863.
olivea 1854.
olivescens 2355, 3200, 3346.
olympia 2672.
omariusalis 2932.
omicronigera 2517.
Omiza 3216.
Omiza 3694.
omma 2573.
Ommatophora 2545.
Ommatophora 2553.
OMMATOPHORIDÆ 2532.
ommatoporaria 1263.
Omphisa 4107.
Onebala 4885.
onelia 2637×.
Onellaba 3750.
onusta 2413.
onustana 4770.
onychia 3909.
onychinalis 4257.
opalaria 3530.
opalina 3466, 4289.
opalinalis 4166.
opalinoides 1844.
opella 1858.
opheltesalis 4345.
Ophideres 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2483, 2484, 4526.
ophideresana 4526.
OPHIDERIDÆ 2474.
ophideroides 1221.
Ophiodes 2600, 2601, 2602, 2603, 2604, 2605, 2607, 2608, 2609, 2610, 2611.
Ophisma 2612×.
Ophisma 2470, 2578, 2609, 2621, 2622, 2760.
Ophistographis 3666.
Ophiuche 2927×.
Ophiusa 2658×, 2670A.
Ophiusa 1839, 2295, 2296, 2300, 2301, 2475, 2595, 2596, 2597, 2611, 2637, 2653, 2679, 2815.
ophiusalis 3007.
OPHIUSIDÆ 2582.
ophiusoides 2905.
ophthalmicata 3467.
Ophthalmodes 3365.
opificella 4625.
opisalis 4273.
Opogona 4945.
Oporabia 3753.
opponens 1116, 1466.
opposita 2078.
optativa 2472.
optatura 2472.
optatusalis 4518.
opulenta 2029.
Oræsia 1224×.
orbicularis 512, 1644C, 2417, 4895.
orbiculifera 4481.
orbonalis 4290.
Oreta 1246.
Oreus 53, 79.
Orgyia 872.
Orgyia 882.
oriens 143.
orientale 4932.

orientalis 27, 130, 167, 286, 327, 751, 812, 2298.
oriolus 2681.
ornata 2438, 2488, 3956, 3978, 4124.
ornata 1394.
ornatalis 4367.
ornataria 3396.
ornataria 3956.
ornatissima 2171.
orneus 183.
Ornix 4933.
Oromena 2436.
Orosa 2949.
orosia 2844 ×.
orosialis 2844.
Orosona 4526.
Orsonoba 3190.
Orsonoba 3904.
ortellus 4677.
Orthaga 4488.
orthographa 1222 ×.
Orthosia 1913 ×.
Orthosia 2110A.
orthosiana 2958.
ORTHOSIIDÆ 1913.
Orthostixis 3748.
Ortospana 2574.
Orudiza 3048.
Oruza 3688.
Orvasca 925.
Oryba 4729.
Orygia 868, 875.
oryzalis 4400.
osacesalis 4427.
Osica 1650.
Osicerda 3692.
Osicerda 3691.
ossea 3625.
ossigera 2565.
Ossonoba 2253.
ostensalis 4282.
ostentalis 4282.
ostrinalis 4336.
Othora 2375, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2413, 2414, 2418, 2420, 2421, 2422.
Othreis 2475.
otiosa 2448.
otreusalis 4112.
ovisignata 3574.
Oxicesta 1214.
Oxira 2007A, 2130 ×.
Oxydactyla 4549.
oxydactylus 4549.
Oxydia 3213.
Oxydia 3214.
OXYDIDÆ 3204.
Oxyodes 2497 ×.
Oxyptilus 4542.
Ozarba 2127.
Ozola 3687.

P

Pachætra 2097.
Pachenome 1029.
pachiaria 3217.
Pachyarches 4209.
Pachydia 3423.
Pachyjana 1409.
Pachynoa 4165.
Pachyodes 3395.
Pachyphilona 546.
Pachythiris 210.
Pachythiris 2211.
Pachyzancla 4333.
pactalis 2928.
Padenia 641.
Pædisca 4761.
pærlita 3413 ×.
pagana 163.
paganata 3414.
pagodella 4566.
Pagrasa 3703, 3704.
Pagyda 4330.
Paidia 721.
palaca 3064.
palesalis 4455.
Paliga 4147.
Palimpsestes 1643.
Palimpsestis 1642A, 1644B, 1644C, 1644D.
PALINDIDÆ 2189.
Palirisa 1365.
Pallene 641.
pallens 593×, 667, 2310, 2780.
pallicosta 106.
pallicostalis 4557.
pallicostaria 3158.
pallida 1456.
pallida 572, 605, 719, 865, 891, 1180, 1239, 1303, 1345, 1350, 1362, 1530, 1716, 1749, 1762, 2566, 3028, 3191, 3226, 3575, 3696, 3804, 3943A, 4163, 4168.
pallidaria 3273.
pallidilinea 2296.
pallidisca 1802.
pallidularia 3125.
pallidum 1504.
palliplagiata 3468.
pallivittata 3576, 4456.
pallula 2682×, 2688 ×.
palmalis 4156.
palmata 688.
palmyra 3086.
palpalis 1266, 4908.
palpata 3775 ×.
palpigera 1266.
palumba 2641 ×.
PALYADÆ 3539.
pamphilata 3885 ×.
pamphosalis 3018.
Panacra 62 ×.
Panæthia 3101.
panœusalis 4110.
Panagra 3686.
Panalipa 4689.
Panassa 715.
pancratii 1780.
Pandala 1338.
pandavella 4724.
Pandemis 4742.
pandia 2567.
Pandesma 2440A, 2441 ×.
pandya 1358.
pangialis 4337.
pangiaria 3666.
Pangora 775.
Panilla 2469.
Panisala 3159.
pannosa 794, 1217, 2059, 2172, 2267, 2518, 2587 ×, 2724.
pannosaria 3301.
Pannucha 4478.
panopus 186.
pansalis 2941 ×.
panterinaria 3255A.
panthona 423.
pantura 3007.
paphia 1564.
paphos 522.
Papilio 367, 396, 3046, 3047.
papilionaria 399.
papilionaris 419.
Paracrama 1912 ×.
parallelaria 3620.
parallelus 4699.
Paraona 567.
Paraponyx 4396.
Paraponyx 4403.
Parasa 1295.
Parasa 1280×, 1280A, 1282A, 1286A.
Parasia 4844.
Paravetta 1158.
Parbattia 4538.
pardale 1499A.
pardalina 747.
pardaria 2096, 3585 ×, 3738.
pardicelata 3399.
pardicolor 1595.
parisnatei 3264.
paritalis 2851 ×.
parivala 1518.
Parotis 4213.
parrhasiata 3886.
partellus 4700.
participalis 2747.
partita 962, 2093, 2730 ×, 3509.
partita 502.
parva 579.
parvalis 4178, 4412.
parvellus 4690.
parvipennis 2553.
parvula 420×, 752, 1893, 3065.
parvula 3379.
parvulata 3492.
parvulata 3537.
parvulella 4799.
pascua 640.
Pasipeda 2638.
Pasipeda 2641.
Pasira 3033×.
passalis 257.
pastor 3535.
pastoralis 1288.
patala 2279 ×.
patalata 3194.
Patana 1076.
Patania 4299.
Patissa 4665.
patna 2638.
Patna 4620.
patnalis 4425.
patnaria 3131.
patrana 963, 1240.
patriciella 4554.
patroclaria 3046.
patroclus 3046.
patroclus 3047.
patruelis 3577 ×
Patruelis 4224.
Patula 2532.
patula 1359.
patulalis 4070.
patularia 3218, 3944

patulata 3128.
patulella 4641, 4863.
paucifera 2113.
pauciferalis 4071.
paucigraphella 4626.
paucipunctata 1590.
paulula 3662 ×.
paupellalis 4072.
pauperatus 1610.
pavica 1248.
pavo 1784.
pavona 2704.
pavonica 187.
pectinata 1959A.
pectinicornalis 4167.
pectinicornis 411.
pectoralis 258.
pedilata 3957.
Peetula 3203.
Pegella 1022.
Peidroma 2001.
Pelecyntis 4338.
Pelena 4705.
pellionella 4800.
pelloniaria 3674×.
peltigera 1734.
Pempelia 4586, 4591, 4631.
pendularia 3554.
Penicillaria 2193, 2194, 2196, 2197.
Penicillaria 2198×.
penicillaria 3148.
penicillata 1684, 4640, 4920.
pennisignata 3432.
Penora 1066.
Pentacitrotus 733×.
penthica 1097.
Penthina 4760.
peracutata 3895.
peragrata 4195.
Perciana 2223.
percisa 1685×.
Percnia 3713.
perdensata 3229.
perdica 350.
perdicina 4772.
perdicipennis 2356.
perdix 988.
peregrina 668.
peremptaria 3626.
perfecta 73.
perfectana 4745.
perfectaria 3923.
perfectaria 3388×, 4746.
perficiens 2647.
perficita 3765.
perfidiosa 2470.
Pergesa 51.
Pergesa 52.
peribocalis 4426.
Pericallia 860.
Pericallia 3200.
Peridrome 512.
Perigea 2088.
Perigea 2098×.
perigeoides 1735.
Perigonia 56, 63, 185.
Perina 866.
Perinænia 2261.
Perinephela 4282.
perionella 4884.
peritalis 4372.
permissa 2173.
permotaria 3640.
permunda 2121.
permutata 1400.
perna 2927.
pernyi 1564.
perornata 669, 755.
peropace 2622.
perpulchra 3865.
perrottetii 1566.
persecta 523.
perserrata 3824.
persimilis 1401, 2279A, 2568, 3265, 3958×.
perspectalis 4261.
perspicillalis 4178.
perspicillator 2485.
perspicua 1354.
perspicualis 4328.
perspicuaria 3651.
perspicuata 3329.
pertendens 2473×.
perticella 4605.
perturbans 2717.
pervolgata 3645.
pervulgaris 2858.
peshwa 328.
Pessocosma 4372.
Petelia 3421×.
petosiris 1402.
Pfeifferæ 4216.
Phacellura 4197.
Phacusa 303.
Phægorista 343.
phæopteralis 4112.
Phakellura 4197.
Phalacra 4011.
Phalangiodes 4143, 4329.
Phalangodes 4329.
Phalanna 281.
phalaris 163.
phalera 1513.
PHALERIDÆ 1510.
Phalæna 88, 348, 350, 402, 419, 423, 441, 461, 462, 463, 466, 478, 513, 514, 519, 521, 525, 528, 532, 559, 570, 635, 670, 738, 742, 743, 744, 745, 749, 764, 781, 787, 818, 941, 1010, 1024, 1098, 1286, 1385, 1402, 1457, 1497, 1534, 1535, 1537, 1564, 1586, 1592, 1624, 1731, 1734, 1780, 1786, 1838A, 1839, 1854, 1879, 1903, 1933A, 2000, 2001, 2016, 2024, 2069, 2108, 2155, 2157, 2232, 2333, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2492, 2497, 2533, 2534, 2535, 2539, 2545, 2552, 2554, 2561, 2572, 2575, 2583, 2593, 2621, 2624, 2625, 2628, 2658, 2666, 2670, 2675, 2676, 2678, 2679, 2685, 2687, 2697, 2756, 2760, 2788, 2843, 2844, 2875, 2908, 3084, 3094, 3148, 3190, 3312, 3400, 3522, 3541, 3545, 3546, 3554, 3632, 3663, 3705, 3860, 3956, 4016, 4022, 4091, 4124, 4146, 4172, 4218, 4219, 4262, 4329, 4363, 4446, 4503, 4518, 4588, 4725, 4800, 4804.
phalænaria 1420.
Phalga 2224.
Phanaca 2188.
phanasalis 4143.
phantasma 2304, 3150.
Pharambara 4378.
pharaxalis 4112.
Pharetra 774×.
pharisalis 4073.
phasipennis 2329.
Phassus 1615×.
Phauda 284.
Pheosa 1206.
Pheosia 1205, 1207A.
phereciusalis 4473.
Phibalapteriæ 3687.
Phibalapteryx 3900, 3900A, 3900B.
Philampelus 130.
Philampelus 45, 46, 48, 51.
Philenora 356×.
Philona 540.
Philopator 360×.
Philosamia 1541.
philoxenæa 357.
philoxene 357.
Phissama 761×.
Phlogophora 1975.
Phlyctænia 4218.
Phocoderma 1274.
Phægorista 338.
phœnicotæniata 3195.
phœnico-teniata 3195.
Phœnix 3215.
phœnyx 71.
Phœosaces 4869.
phorcus 202.
Phorica 2329.
Phorodesma 3499.
Phothedes 1873.
Photoscotosia 3841A.
Phragmatobia 782.
Phragmatœcia 1600×.
phrynealis 4138.
phryneusalis 4204.
Phryxus 109.
Phurys 2322.
phycidalis 4139, 4457.
Phycidecera 4164.
Phycis 4601.
phycisella 4884.
phycisoides 2378.
Phycita 4567.
PHYCITIDÆ 4554.
PHYCITINÆ 4554.
Phycodes 4780.
Phyletis 3669×.
Phyllodes 2485.
Phyllocnistis 4945.
Phyllophila 1908.
phyllosaria 4010.
phyrrhula 18.
Physematia 4292.
Phytometra 1839, 1879.
Piada 1878.
picalis 4429.
picaria 3739.
picta 750, 3003, 1787.
picta 2137.
pictalis 4458.
pictaria 3397, 3791, 3999.
picticaudata 3107.
picticaudata 3109.
pictipennis 3510.
pictus 476.
picus 5.
Pida 959.
Pidorus 441, 444.

Pidorus 441.
Pigia 4026.
pilicostata 3364.
Pimprana 1740.
Pinacia 4220.
pinastri 180.
pinastrina 85, 93.
Pindara 2622×.
Pindicitora 4718.
Pindicitora 4719, 4722.
Pingasa 3374×.
Pingrasa 2940.
pinguinalis 4503.
pinguinatus 4503.
pinguisana 4766.
Pintia 392.
Pionea 4171.
Pionea 4176.
pionealis 2859.
pipleidalis 4238.
pipleisalis 4238.
Pitacanda 4125.
Pitacota 1817.
Pitama 4230.
Pitane 643, 644.
Pitasila 467×.
pitmani 3118.
Pitrasa 1645.
placens 2396.
placida 127A, 1332, 1467, 1965, 1995, 2174, 2981, 3646.
placodoides 2225.
plagalis 4074.
plagiata 1458.
plagiata 805, 970, 1877, 1996×, 2418.
plagiatalis 4101.
plagidotata 1058, 3126.
plagifera 471×, 1468, 1996, 3833.
plagiferella 4837.
plaginota 534.
plagiodotata 1058.
plagiosa 1631.
plagiviridis 1173.
plana 2479.
plana 494, 524, 882×, 971, 1346×, 1888, 2519.
planalis 4734.
planaria 4027.
plangonalis 4157.
Plataplecta 1765, 1765A.
platycerata 3590.
PLATYDIDÆ 2838.
Platyja 2621×, 2759×.
platyleucata 3594.
platymitris 4459.
Platypeplus 4759.
Platyptilia 4541.
Platyptilus 4539, 4541.
Plecoptera 2312.
Plectropteron 1534.
Plemyria 3895.
pleniferata 3330.
Pleonectusa 4109.
Pleurona 2823.
plicalis 2966.
plicata 3983.
Plotheia 3015.
Plotheia 2405×.
plumalis 3331.
plumbeata 3810.
plumipes 1431, 2463.
plumosa 1209, 1351×.
plurilinearia 3996.
plurilineata 3901.
pluristriaria 3578.
pluristrigata 3108A, 3979.
Plusia 1963, 2182.
Plusia 2153×.
plusiata 1156.
PLUSIIDÆ 2150.
Plusiodes 2150.
Plusiodonta 2181×.
plusioides 1202,
plusiodes 2195.
PLUTELLIDÆ 4838.
PLUTELLINÆ 4838.
pluto 85.
plutusalis 4325.
plynusaria 3997.
Poaphila 2941.
Poaphila 2306×.
POAPHILIDÆ 2306.
podaliriata 3108.
Pœcilocampa 1509×.
poeusaria 2571.
polemusa 1686.
Polia 1765, 1765A, 1766.
polyclealis 3776.
polycleata 3776.
Polydesma 2467.
Polydesma 2446.
POLYDESMIDÆ 2432.
polydora 358.
polygrapha 2596.
polymena 287.
polymesata 3185.
Polyocha 4615.
polyphænaria 3389.
Polyploloca 1644A, 1644B.
Polyptychus 132×, 133A.
polyspila 2387×.
polyspilalis 2948.
Polytela 1785.
Polythlipta 4191.
pomalis 2829.
Pomasia 3970, 3985.
Pomasia 4005.
pomona 2477.
pomonalis 4212.
Pompostola 282, 288.
poritialis 4394.
porphyria 152.
porphyriata 3881.
Porphyritis 4361.
Porsica 4816.
Porthesia 929×.
Porthetria 1010.
Porthetria 1024.
postica 720, 875, 950×, 1060, 1148, 1241, 1347×, 1864.
postica 2043.
posticalis 2749.
posticaria 3613.
posticata 3229.
postincisa 951.
poststrigaria 2549.
postvitta 297.
postvittata 3757.
Potamophora 2492.
Potera 3747.
Poujadia 4621.
Prabhasa 621.
Pradatta 1725, 1726A.
Pradiota 2840.
præcedens 2340.
præcipua 2775×.
præclararia 3156.
prætereuns 4006.
prætoritalis 4113, 4358.
prætexta 2195.
prætextata 3188.
prætoraria 3116.
Pramadea 4438.
Pramila 190.
prasana 1125.
prasena 560.
prasina 1456.
prasinaria 1763.
Prays 4837.
precedens 2252, 2340.
pretiosa 412, 704.
Primosticta 1107.
primularis 431, 1421, 3109.
princeps 916.
principalis 806.
Prionia 3691×.
prisca 1687.
Pristarthria 4594.
privatana 4752.
proba 3708.
Problepis 1258A.
proboscidalis 2908.
proboscidaria 3800×.
proboscidatus 2908.
proboscidens 2908.
procera 1519.
proceralis 4284.
processaria 3332.
Procodeca 1068, 1069A.
procopia 4219.
procopialis 4219.
Procotes 217.
Procris 214.
procumbens 2464.
procursaria 3347.
Prodenia 2118×.
Prodenia 2164.
producta 535.
profanaria 3945.
prolifera 2280.
prolifica 2280.
prominens 689, 1638, 1688.
promittens 1042.
promptaria 3333.
Propachys 4726.
properata 2673, 3334.
Prorodeca 889, 1068.
proscripta 1655.
Prospalta 2083.
protheclaria 3048.
Protheodes 1875.
Protoparce 167.
protuberans 608.
provocans 1226.
proxima 20, 329.
proximalis 4460.
pruinosa 1765, 3493, 3752.
prunaria 3066.
prunicolor 2606×, 3088.
prunosa 108, 2520, 2543, 2995.
Psalis 1090.
Psecadia 4911.
Pseudasthena 3967×.
Pseudocoremia 3288.
PSEUDO-DELTOIDES 2707.

Pseudomesa 1031 ×.
Pseudomesa 1030.
Pseudomicronia 4017.
pseudonaga 47.
Pseudosesia 207.
Pseudosphinx 169 ×.
Pseudosterrha 3663A.
pseudoterpnaria 3390.
Psichotöe 265.
Psimada 2625 ×.
Psithyros 9.
psittacalis 4213.
Psyche 491A.
Psyche 495.
PSYCHIDÆ 487.
psylaria 4005 ×.
Psyra 3425 ×, 3426A.
Pterothysanus 474.
PTEROPHORIDÆ 4539.
Pterophorus 4541, 4551.
Pterophorus 4543.
Ptilomacra 1336.
Ptilophora 1200.
Ptychopoda 3956.
pubescentella 4864.
pudens 2569.
pudica 2281.
pudicata 3908.
pudorina 161.
pudorinus 161.
puella 670.
puellaris 92 ×.
puera 2232.
pulchella 380, 454, 739, 4917.
pulcherrima 1160, 1689, 2030.
pulchra 330, 2521, 2695, 3221.
pulchra 739.
pulchralis 4430.
pulchrinervis 3096.
pulchripicta 1820.
pulinda 3627.
pulla 1845.
pullata 1529, 2845.
pulverata 2765.
pulverulenta 4507.
pulvillella 4555.
pumilio 39.
punctata 606, 758, 1326, 3592.
punctella 634.
punctellus 4661.
puncticilia 3745.
punctifascia 926.
punctifascia 686.
punctifera 3579.
punctiferalis 4031.
punctigera 2129.
punctilinea 653, 863.
punctilinealis 2935.
punctilineata 1642.
punctipes 1997.
punctistriga 821.
punctistrigella 4610.
punctivenata 100.
punctosa 2522.
punica 1289.
punicea 705.
punicealis 4336.
punicearia 3545.
pupillaria 3554.
pura 1868.
Purbia 2484.
purpuralis 4336.
purpurascens 3597, 3998, 4248.
purpurescens 1620.
pusilla 38, 917, 1015, 1596, 3740.
pusillana 4751.
pustulifera 508, 2831.
pustulifera 998.
Pycnarmon 4313.
Pycnarmon 4320, 4321, 4324, 4325.
Pydna 1182 ×.
pygmæa 917.
Pygospila 4218.
pyloalis 4188.
pylotis 748.

PYRALES 4028.

pyraliata 2789, 4484.
PYRALIDÆ 4439.
pyraliformis 1210, 2328.
Pyralis 1854, 1879, 2908, 3029, 4091, 4142, 4146, 4149, 4172 4175, 4218, 4219, 4261, 4262, 4336, 4363, 4367, 4386, 4422, 4446, 4474, 4496, 4498, 4499, 4503, 4513, 4518, 4530, 4570, 4732.
Pyralis 4439.
pyralina 2316.
Pyrausta 4334, 4338, 4341, 4363.
Pyrausta 4325.
pyraustalis 4338.
pyretorum 1550.
pyriformis 1496.
Pyrinia 3193 ×.
pyriniata 2811.
pyriniata 3580.
pyrochroma 1876.
pyrozonis 3097.
pyrrhia 1753.
pyrrho 3094.
pyrrhochroma 1033.
pyrrhogona 3538.
pyrrhularia 3703.

Q

quadralis 2846 ×.
quadrangularis 972.
quadraria 3469 ×, 3656 ×.
quadricaudata 3067.
quadricincta 1457.
quadricolor 302.
quadrifasciata 413, 1432, 4928.
quadrifera 3303.
quadrilinea 1478, 3044 ×.
quadrilinealis 3004.
quadrilineata 1894, 2311, 2968.
quadrimaculalis 4274.
quadrimaculata 298, 629, 855A.
quadrinotata 671, 1315A, 1603, 2399.
quadripartita 1846 ×.
quadripennis 2629 ×.
quadriplaga 599.
quadriplagiata 1031 ×.
quadripunctata 3110, 3776A.
quadripunctata 2108.
quadriramosa 822.
quadrisigna 1998.
quadrisignata 604, 4128.
quadristrigata 2370.
quadrivittata 1815.
quæsita 2705 ×.
quæsitalis 2906.
quantula 3531.
quaterna 185.
quatuornotatus 1603.
quenavadi 2443 ×.
querula 3984.
quieta 3555.
quieta 2226.
quinaria 1902 ×, 2268, 3142, 3525.
quisqualis 4461.
quinque-brunneum 1979.
quinquelinea 2300.
quinquelinealis 2907.
quinquigera 4249.
quintana 1847.

R

Rabila 1300.
Rachia 1209.
Racotis 3370.
Radhica 1477.
radians 690, 1781.
radiata 1755, 3536.
Radinacra 1965 ×.
rafflesii 86 ×.
Raghuva 1724.
raja 318.
rajaca 3192.
rajah 210.
rajata 3777.
Rajendra 789 ×.
rama 2282, 4515.
Ramadasa 1784.
ramalaria 3866.
Rambara 3962.
ramburialis 4369.
Ramesa 1525 ×.
Ramila 4660.
Ramila 4658.
ramosa 3834.
rana 952.
Ranaja 1922.
Ranghana 606.
ransonneti 1789.
Raparna 2791 ×.
raptaria 3258.
raptatalis 2989.
raralis 2926 ×.
Ratarda 365.
Ravanoa 4120.
ravolalis 4462.
raya 1520.
recensitaria 3788.
receptella 4791.
reciproca 3904.
reciprocata 3448.
reciprocatus 3448.
recisalis 4463.
recitatella 4886.
reconditalis 4369.
recta 1469.
rectalis 4731.
rectata 3127.
rectifascia 32 ×.
rectifera 2404.
rectificata 3128, 3717.
rectilinea 149, 2523 2855, 4331.

rectilineata 3806.
rectistria 1227.
rectivitta 1917.
rectivittalis 2909.
recurrens 4326.
recurrens 1199.
recursaria 3335.
recurvalis 4262.
recurvata 2220×.
recurvilineata 4000.
Redoa 1048×.
Redoa 1056.
reducens 2496.
reductalis 4349.
reductella 4817.
reduplicalis 2741.
reflexa 2312×.
regalis 807, 3253.
regulata 3946.
regulus 14.
Rehimena 4137.
relata 3867.
relictata 3756A, 3947.
religiosa 1104.
relinquenda 2436.
reliquenda 2436.
remelana 565.
Remigia 2698×.
Remigia 2293, 2302, 2470, 2472, 2473, 2546, 2641, 2697, 2849.
REMIGIDÆ 2697.
remigioides 2607.
Remodes 3792×.
remodesaria 3801×.
remota 2561.
remotata 3948.
removens 2760.
renalba 2082.
renalis 1644 D, 1715, 1859, 1966, 2025, 2092, 2229, 2718, 2933, 2987, 3037, 4158.
renisigna 2524.
repanda 189, 1290×, 1470.
reparata 3336.
Repena 871, 1075.
replenens 2573.
repleta 2195, 2221, 3549.
repletella 4897.
replicata 2525.
repugnans 1639, 1929.
repulsa 1999.
repulsa 2997.
resoluta 2196.
resplendens 630, 4929.
responsaria 3992.
responsaria 3574.
responsella 4716.
restitura 1197.
restituta 1794.
restituta 3814.
restitutaria 3234.
restitutaria 3239.
restitutata 3814.
restorans 2576×.
restorens 2576.
restricta 2959.
retatalis 2936.
reticulalis 4376.
reticulata 598, 2175, 2796, 2811×, 3068, 3243, 3868, 4382.
Retina 440.
retina 2120.
retinalis 4308.
retorta 2561.
retracta 1284.
retractana 4753.
retractaria 3283.
retractaria 3345.
retractata 1291.
retrahens 2145, 2465, 2553×, 2772, 3285.
retorta 2561.
reversa 1707, 2627.
Rhæsena 2728.
rhagavata 3069.
Rhagoba 4231.
Rhamphoschisma 31, 32, 33, 34, 35.
Rhangena 4735.
Rhaphidognatha 300.
rhebus 288.
Rhesala 2191.
Rhizogramma 2138×.
Rhodaria 4351.
Rhodaria 4352.
Rhodia 1575×.
rhodina 1016.
rhodinaria 3971.
rhodocryptalis 4145,
Rhodogastra 765×.
Rhodogastria 764.
Rhodoneura 4373.
rhodopa 766.
rhodope 396.
Rhodophæa 4562.
rhodophila 1121.
rhodophila 769.
rhodophilalis 4250.
rhodoptera 121.
Rhodosoma 36.
rhombalis 2923.
rhomboidalis 2910.
Rhopalopsyche 7×.
Rhynchina 2857.
rhyparella 4582.
Rhyparia 850, 3710.
Rhytia 2474.
Rhytia 2479.
Ricine 889.
ricinella 4902.
ricini 780, 1541, 4901.
Rigema 1090.
rigidistria 2619.
rigusaria 3137.
Rilia 1035, 1037, 1041.
Rinaca 1573.
riobcaria 3151.
risa 382.
Risoba 1633×.
rivula 1895.
Rivula 3025.
rivularis 80, 2537.
rivularis 2222, 4395.
rivulata 1910×.
rivulosa 2766.
robertsi 111.
roborealis 4464.
robusta 4102, 4598.
robustalis 3021×.
robustaria 3485.
robustus 4872.
Rodaba 4492.
Rœselia 639A, 639B, 640, 640A.
roridalis 4251.
rosacea 154×.
rosalia 3544.
rosalia 3545.
rosaliata 3544.
Rosama 1202.
rosata 3544.
rosea 1340.
roseana 1896.
roseata 729.
roscifascia 1883.
roseigera 2489.
roseipennis 4735.
rosina 91.
rostralis 2908.
rostrata 2291.
rostrifera 3868A.
rotundata 883, 2755.
royi 1550A.
roylei 1567.
rubella 4520.
rubescens 178, 759.
rubescens 1736.
rubicilia 2017.
rubicundalis 4465.
rubicundula 2946.
rubicundus 105.
rubida 851.
rubida 883.
rubidorsa 769.
rubiginata 3423.
rubiginea 1142.
rubiginosa 61A.
rubiginosa 1431.
rubilinea 842.
rubitincta 843.
rubrescens 1736.
rubricans 2815×.
rubriceps 4730.
rubricosa 127, 706×.
rubricosta 788.
rubridorsalis 1716A.
rubrifascia 2526.
rubripennis 888.
rubripunctalis 2776.
rubrivitta 440.
rubrodotata 3825.
rubrolimbraria 3470.
rudis, 1708×, 4477, 4508.
rudivitta 2419.
rufescens 178.
rufescens 1273×, 1578, 1690, 2781, 3704.
rufibasis 2761×.
rufifrons 616, 3012.
rufifrontata 3227.
rufipalpis 2639.
rufistrigosa 1691.
rufivinctata 3113.
rufofasciata 3380.
rufoflava 1816.
rufomarginata 3302.
rufotessellata 1320.
ruginaria 3381.
rugosa 1274.
rugosalis 2940.
rugosella 4839.
Rumia 3664×.
ruminalis 4281.
Runeca 3988.
Rupela 4654.
ruptaria 3070.
ruptistriga 1941.
ruralis 4108.
Rusicada 2236.

Rusina 2039.
russa 3038.
rusticala 4142.
rusticalis 4142.
rusticula 2947.
rutifella 4896.
rutilago 1753.
rutilalis 4118.
rutilus 2482.

S

Sabaria 3424.
sabelialis 4168.
sabulinus 4601.
sabulosa 2114.
Sacatia 4447.
saccharum 1602.
sacerdos 4801.
sacraria 3663 ×.
sadana 1242.
Sadarsa 2371 ×.
saga 2232.
sagittifera 711A, 843A.
Sagora 4896.
sagrara 1034.
salamina 2478.
salaminea 2478.
salaminia 2478.
Salassa 1569.
Salbia 4301.
Salbia 4118, 4328.
Salebria 4586.
Salebria 4591, 4594.
salebrialis 4164.
salebrosa 2531.
salisuca 3891.
salomealis 4306.
salsettensis 1621.
Saluria 4625.
salvalis 4330.
sambucaria 3102.
Samea 4239.
Samea 4238.
Sameodes 4238.
Samia 1537.
sangaica 759A.
sangana 1521.
sangarida 478×, 781.
Sangatissa 1422×.
sanguiflua 402, 3249.
sanguilineata 3511.
sanguinalis 760.
sanguinaria 3581.
sanguinaria 3663.
sanguinea 1249, 1485, 1632, 4755.
sanguinella 4588.
sanguinolenta 818.
sanguinolenta 1723 ×.
sanguinosa 184.
Sanys 2763.
saponaria 3964.
Saraca 2724.
Sarama 4487.
Sarbanissa 1971.
Sarcinodes 3234.
sargania 259.
Saroba 2831.
Saronaga 1626.
Sarrothripa 2429.
Sarunga 2835.
Sasunaga 2044.
satanas 166.
Sataspes 1.
satellitia 2640.
saturalis 1231, 3016, 4367.
saturalis 3017.
saturata 1164×, 1790, 3778.
saturatalis 1231.
saturataria 3210.
Saturnia 1446A, 1550A, 1545.
Saturnia 1354, 1532, 1535, 1537, 1541, 1542, 1553, 1554, 1559, 1564, 1569, 1571, 1572, 1574.
SATURNIIDÆ 1531.
saturnioides 2577.
saundersi 543.
saundersii 4.
Sauris 3795, 3796, 3799, 3800, 3801.
Savara 771.
scalaris 1586.
scanda 1848.
Scaptesyle 363.
scapularis 70.
scapularis 66.
Scardamia 3196.
sceletella 4630.
sceptica 2430.
schistacea 3219, 3811.
schistacearia 3132.
schistifusata 3691.
schœnerrhi 230.
SCHŒNOBIDÆ 4650.
Schœnobius 4661.
Schœnobius 4683.
Sciaphila 4744, 4745.
Sciapteron 208×.
scinisalis 4040.
scintillans 437, 924×.
Scirpophaga 4654.
Scirpophaga 4655.
scissuralis 2235 ×.
scitalis 4431.
scitaria 2811.
sciticaudaria 3107.
scitivittalis 4601.
scitula 2777, 2827.
scitulella 4922.
scitulellus 4701.
scolioides 206.
scolopacea 3400.
scolopaica 3400.
scolopaica 3400.
Scoparia 4518.
Scoparia 4532.
SCOPARIDÆ 4530.
Scopelodes 1265.
scopigera 2742.
scopigeralis 2964.
Scopocera 4483.
Scopula 4075, 4146, 4147, 4148, 4149, 4150, 4151, 4152, 4153, 4154, 4155, 4156, 4157, 4159, 4160, 4227, 4595.
scotochlora 1765A.
Scotomera 4531.
Scotopteryx 3414, 3418.
Scotosia 828, 3817 ×.
Scotosia 3276, 3303, 3364, 3420, 3425, 3833, 3834.
scotosiaria 3628.
scripta 640A.
scriptaria 3361.
scriptilis 2449.
scriptiplaga 1499.
scripturaria 3361.
scrobiculata 2497 ×.
sculpta 76.
scutigera 1734.
scutosa 1737.
scutuligera 3512.
seclusella 4787.
sectinotis 331.
secundalis 2828.
securis 1090.
segetis 2000.
segetum 2000, 2108.
Seirarctia 822.
sejuncta 1692.
sejunctalis 2840, 4413.
sejunctaria 2840.
selecta 2060.
selenampha 2104 ×.
selene 1534.
Selenia 3163.
Selenis 2794.
Selenis 2798, 2803, 2806, 2808.
Selepa 2424 ×.
Selidosema 3303.
sellalis 4034.
sellalis 4169.
semialba 3290, 3513.
semialbana 4740.
semicincta 1047.
semiclarata 3303.
semiclusaria 3123.
semicoccinea 4938.
semicurculata 3779.
semifascia 649×, 1961.
semifascialis 4032.
semiherbida 2031.
semihyalina 306, 3661.
semilugens 1905.
semilux 2803.
Semiothisa 3636.
semipars 3018.
semipavonaria 1257.
semirubella 4588.
semisignata 927.
semisulphurea 4942.
semivialis 4300.
semivitta 953, 2176, 2392.
semizebralis 4339.
Seneratia 2775×.
senica 2344.
Senta 1718.
separans 2608.
separata 1674.
separata 2146, 2332, 3345.
Sephisa 391.
sepicostella 4623.
sepositella 4865.
seriata 3869.
sericaria 3220.
sericea 536, 1054, 1073, 1082, 1267, 1321, 3233.
sericealis 3029.
sericearia 3220.
sericeipennis 122×, 575.
sericeus 45.
Sericia 2553.
Sericia 2555 ×.
sericialis 3029.
serindibanus 4552.
serpentinaria 3695.
Serraca 3353.

Serrodes 2630 ×.
serva 613, 2628 ×.
serva 2099.
servula 1497.
Sesamia 1653.
Sesapa 636.
Sesia 1, 4, 5, 9.
Setina 649, 726.
Setina 649A, 650.
Setinochroa 717.
Setomorpha 4805.
Setora 1325.
Scudyra 338.
sexlinea 2301.
sexnotatus 1611.
sexpunctalis 4414.
sexpunctata 449.
sexpunctata 4414.
shadulla 1552.
shahama 383.
shervillii 44.
sherwilli 1105.
shevaroyensis 1352×.
shiva 2570 ×.
shivula 2816.
siamensis 289.
siamica 260, 2620.
siccifolia 2206.
Siculidæ 4373.
sidealis 4238.
sidera 2393.
siderea 2393.
siderifera 1942, 3882.
Sidonia 2843.
Sidyma 561.
signa 672.
signata 644, 2413, 2842.
signata 384,1304×,1442,1498, 1597×,2177×,3678×,3870.
signatalis 4103.
signella 4583.
signifer 1622.
signifera 1364, 1865, 4866.
significans 2178.
signipalpis 2348.
signivitta 2584.
sigulalis 4291.
sikkima 208×,1112,1152,1157, 1159, 1174, 1192, 1208, 1447, 1556×,2042, 2061, 2079, 3201, 3341, 3899, 4361, 4482, 4553.
sikkimensis 809, 1132, 1652, 2101.
silenusalis 3020 ×.
siletti 964.
silhetalis 4337.
silhetensis 93×, 142, 332.
silhetica 1066, 1542.
silhetica 1535.
stliquana 500.
silvandra 525.
SIMÆTHIDÆ 4775.
SIMÆTHINÆ 4775.
Simæthis 4775.
Simaroea 614.
simicompleta 3993.
similaria 3171, 3427, 3582, 3959.
similaria 3571.
similaris 3307.
similata 414, 2444, 2911, 3675, 4494.
similis 553, 808, 1017, 1292, similis 1334, 1348, 1403, 1433, 1522, 1750, 1772A, 2325, 3022×, 3266, 3382, 4114.
simillima 500.
simillima 2A, 2147, 2674, 1242A.
simla 1571.
simplex 333, 771×, 876, 1438×, 2773.
simplex 2312.
simplicia 1568.
simpliciaria 3232, 3470.
simpliciata 4019.
simpliciella 4867.
simulana 4741.
simulata 2148.
Simulata 3023.
Simyra 1710.
sinens 1918.
sinensis 1099.
Singara 2819.
singha 2817.
singhalella 4603.
singularis 2016.
sinuata 712, 1178, 1404, 1448, 1756, 1923, 1960, 2038, 3471, 4124.
sinuata 2670.
sinuosa 1693, 2224, 2748, 4004, 4485.
sipahi 795×.
sipyla 2593.
Sirinopteryx 3113.
Siriocauta 4229.
sisunaga 3472.
Sisyrophora 4216.
sitiene 24.
siva 1500.
sivalica 1557.
sladeni 261.
smaragdinana 500.
smaragdus 3429.
SMERINTHINAE 131.
Smerinthus 131, 132, 133, 140, 141, 146, 150, 161, 186.
Smerinthus 151.
sobria 1699.
sobrina 1018.
sociella 4732.
socrus 869.
socrus 2305.
sodalis 3089.
solaris 1838A.
solida 2197.
solidaria 3494.
solita 726, 2466.
solitaria 3614.
solitella 4706.
soluta 1765.
soluta 2719.
Somatina 3995 ×.
Somatina 3999.
Somena 923×.
Somera 1059.
Sonagara 2809 ×.
sondaicus 2716.
Sophaga 1756.
sopora 3032.
sordida 610, 713, 844, 1074, 2248.
sordidalis 4363.
sordidata 3826.
soricinella 4593.
Soritia 445.
Spadix 8043.
Spælotis 2004.
Spalyria 1413×.
Spanista 4367.
spargens 1943.
spargens 2099.
sparsalis 2899.
sparsaria 4014.
sparsigutta 852.
Spatalia 1203.
spectabilis 147.
spectabilis 1579.
spectrum 2305.
speculalis 2912.
specularia 1255, 3444, 3684×.
specularis 1243, 3184.
speculatrix 509.
speiplena 502.
Speiramia 2561.
Speiredonia 2545, 2559, 2561
Speiredonia 2552 ×.
spernatella 4802.
sphæriphora 2723.
sphagnata 3391.
Sphecia 188 ×.
Sphetta 1139×.
SPHINGIDÆ 1.
sphingiformis 1188, 1484.
SPHINGINÆ 167.
Sphingognatha 1361.
Sphingomorpha 2593.
Sphinx 183.
Sphinx 5, 9, 18, 41, 46, 53, 58, 67, 71, 72, 79, 83, 85, 86, 88, 89, 90, 94, 97, 98, 105, 107, 109, 112, 113, 118, 132, 133, 163, 166, 167, 168, 185, 186, 196, 205, 222, 227, 230, 245, 257, 282, 283, 287, 288, 290, 411, 764.
Spilarctia 769, 792, 822.
Spilarctia 827×, 830A, 843A.
Spilodes 4144.
Spilomela 4308, 4310, 4316.
spilomelalis 4434.
SPILOMELIDÆ 4301.
Spilosoma 762,768,769×,792, 815, 821, 822, 827, 828, 829, 831, 832, 833, 834, 835, 837, 842, 843, 844, 845, 846, 847, 848.
Spilosoma 756, 759A.
spilosomata 770.
spilosomoides 691, 826, 4125.
spilota 2026.
spilotelaria 3172.
spilotella 4909.
spinifrontella 4636.
Spintherops 2261, 2304, 2305.
spinula 2001.
spiralis 2561.
Spirama 2561.
Spiramia 2558 ×.
spissa 2706.
splendens 567, 1820A.
Spodoptera 2117 ×.
Spodoptera 2121.
Spoladea 4261, 4262.
spoliata 2104.
sponsalis 2283.
spontaneata 3741.
spurcata 2420 ×.
spurcatalis 2936.
spurcataria 3152.

spurcella 4624.
squalida 2121.
squalidaria 3691 ×.
squamicornis 2550.
Stammodes 3885 ×.
staudingeri 203.
Stauropus 1128, 1130A.
Stegania 3596.
Stegania 3595.
Steira 2360.
Steiria 2365, [2366, 2367, 2370.
stellata 2018, 2085, 2782.
stellatarum 9.
stellifera 1954.
stelligera 403.
Stemmatophora 4505.
Stenia 4229, 4238, 4367.
STENIIDÆ 4365.
Stenoglene 1435.
Stenopteryx 4530.
Stericta 4473.
sternaria 3708.
Sterrha 3662 ×.
stevensii 1766.
stibialis 4437.
sticticalis 4146.
Stictoptera 2360 ×.
stigmata 845, 1471, 2648, 3960.
stigmatalis 2982.
stigmatella 4637.
stigmatica 1598.
stigmigera 1523.
stigmoleuca 2642.
stilbioides 732.
Stilpnotia 1072.
Stilpnotia 867.
stipata 214, 2913.
stipatana 4771.
stipularis 87.
stola 2683.
stolalis 4189.
stoliczkæ 2080.
stoliczkana 1553, 1944, 4758.
stoliczkaria 3415.
stolida 2679.
stramen 1812.
straminalis 4302.
straminea 632, 4348.
straminea 1734.
stramineata 3158A.
strangulalis 4328.
streniataria 3647 ×.
strenualis 4075.
strenualis 2376.
strenuata 3629.
strenuataria 3627, 3629.
strenuella 4868.
striatalis 4385.
striataria 4022.
striatovirens 1962, 2439.
striatura 2837.
striga 2960.
strigaria 3255.
strigata 627, 989, 1204, 2326,
strigata 815, 2475.
strigidisca 2062.
strigifascia 1153, 2914.
strigifera 2427.
strigipennis 1065, 2536 ×, 2588, 2812.
strigivenata 537.
striglina 2786, 2788.
strigosa 2813, 4788.
strigula 1335.
strigulataria 3422.
strigulataria 3556.
strigulifera 1043.
strixaria 3267.
Strobisia 4873.
Strophia 1624.
Strophidia 4016 ×.
stultalis 4334.
stuposa 2675.
stygmella 4903.
styx 164.
styx 165.
Suana 1505 ×.
suasaria 3337.
subapicalis 1199, 3005.
subapicalis 2899.
subapicaria 3871.
subaurata 275 ×.
subaurella 4601.
subbasalis 2973.
subcaudaria 3615.
subcaudata 280, 3701.
subcervina 727.
subcinerea 714.
subcostalis 1443, 2774.
subcurva 2043.
subcurvifera 1424.
subcyanescens 425.
subdeterminata 3949.
subdita 930 ×, 1405.
subdives 1344.
subdolaria 3557.
subdolens 2008A.
subfascia 539, 846, 877.
subfasciata 2370, 2375.
subfasciata 918 ×.
subfixa 1865.
subflavalis 1869.
subganomella 4913.
subglauca 2421.
subhyalina 438.
subjecta 1070.
subjectalis 4285.
subjectalis 4227.
sublavaria 3348 ×.
sublectaria 3351.
sublimis 2445.
sublituralis 4076.
sublutea 385.
submarginalis 262, 4203.
submarginalis 2121.
submarginata 1055, 2527 ×.
submemorans 2843.
submicacea 2833.
submira 2684 ×.
subnigra 931.
subnotata 884 ×, 925, 1106.
subnotata 1326.
subobliqua 2365 ×.
subobliquaria 3994.
suboblitella 4604.
subobscurata 3228.
subochraceella 4803.
subornata 673.
subparallela 1490.
subplagiata 3284 ×.
subpurella 4893.
subquadrata 512.
subreplota 3090.
Subrita 4642.
Subrita 2424.
subroseata 3583.
subrubescens 3871A.
subsatura 2292.
subseparata 3872.
subsequana 4768.
subsignans 3013.
subsignata 1694.
subsimilis 526.
substigmaria 3119.
substituta 3873.
substrigilis 118.
substrigosa 869, 1457.
substruens 2557.
subterminalis 2120.
subtessellalis 4077.
subtessellata 3616.
subtilis 634.
subtilis 1118 ×.
subtincta 867.
subtractata 3486.
subunita 2621, 2760.
subvitrea 1088.
successaria 3138.
succinea 1738 ×.
sufflata 3648.
suffumosa 2561.
suffundens 707.
suffusa 889, 1246.
suffusa 847, 1315B, 1406, 1996 ×, 2001 ×, 2081.
suffusalis 4159, 4466, 4495.
suffuscalis 4584.
suiasasa 3259.
sulphuralis 1879.
sulphuraria 502A.
sulphurea 1449, 3667.
sulphurea 1879.
sulphurescens 918A, 3211 ×.
sulzella 4825.
sumptualis 4405.
sunandeva 3985.
superalis 4198.
superans 1019.
superba 510, 2150.
superba 127.
supplex 2102.
Sura 209.
suradeva 4516.
Surattha 4719.
Surattha 4718.
surrectalis 4164.
surreptalis 2915.
susceptaria 3148, 3311.
Susica 1301 ×.
suspicalis 4121.
suttadra 753.
swinhoei 1752, 3153, 4904.
Sybrida 1114 ×.
Sydiva 1649.
Syllythra 4350.
Syme 4895.
Symitha 2429.
Sympis 2761 ×.
Sympis 2621, 2760.
Synclera 4303.
Synegia 3586.
Syngamia 4237.
Syntomis 217, 266, 267, 268, 269, 270, 273, 275, 278, 279, 280, 292, 296, 301, 302, 303, 306.
Syntomis 218 ×, 252A.
syntomoides 264.
Sypna 2498 ×.
Sypna 2625.

Synastrina 1439.
syringa 749×.
Systropha 586.

T

tabidalis 4110.
Tæniocampa 1920.
tagalica 3.
Tagora 1355.
Tagora 1362, 1394.
talaca 3139.
Talamba 4629.
Talanga 4414.
Talapa 2849.
talusalis 2743.
Tamba 2833.
Tambana 2259.
Tamraca 4253.
Tanaorhinus 3447.
Tanaorhinus 3429.
tangala 1695.
tantilla 2751.
taocensis 1407.
tapestrina 2284.
tapetiella 4804.
tapetzella 4804.
taprobana 2214, 2346, 4813.
taprobanæ 2099.
taprobanensis 4710.
taprobanes 307, 4540, 4778.
taprobanes 3196.
taprobanis 715×, 1543.
Tarache 1860×.
Taragama 1499B, 1500.
Taramina 2550.
Targalla 2192.
Tarika 576.
tarsalis 2689.
Tarsolepis 1201.
Tascia 301.
Tasema 216.
Tatargyna 750.
tatorhina 2916.
Tauba 4704.
Taurica 4482.
Tavia 2501, 2503, 2504, 2509, 2522, 2523, 2527, 2557.
tavoyanus 1612.
taxicolor 22.
Tegna 4780.
Tegulata 607.
Teldenia 3600.
Teliphasa 4480.
Telmia 2122.
temperata 1739.
templetonii 492.
tenebralis 2917.
tenebraria 3742.
tenebrosa 96×, 303, 716, 990, 1089, 1524, 2044, 2528, 2589.
tenebrosalis 4467.
tenebrosaria 3416.
tenera 4432.
tennenti 2971.
tentans 1225.
tenuialis 4050.
tenuiformis 269.
tenuinervella 4629.
tenuis 2372.
tenuisigna 611.
Tephrina 3617×.
Tephrina 3422.
tephrosaria 3417, 3950.
Tephrosia 3359.
Tephrosia 3358, 3361, 3405.
tephrosiaria 3392.
Teras 4737.
Terastia 4283.
teriadata 4015.
terminaliæ, 584, 4930.
terminata 692, 898×.
terminigera 1817.
Terpna 3395.
Terpnomicta 3595.
tertius 492.
tessellata 633, 1604, 2387.
tessellata 695.
tessellatus 1604.
testacea 63, 885, 1069, 1077, 1184, 1268, 1416, 1717, 3780.
testacearia 3173.
testaceata 3117.
testaceoides 2120.
testulalis 4229.
tetragona 612, 2179.
tetragonalis 4146.
tetraonalis 4377.
tetraonis 1605, 4773.
tetraspila 2302, 2783.
tetraspilella 4869.
Teulisna 610.
textalis 4275.
textilis, 3514, 3746×.
textor 1100.
Thagora 511.
thaisalis 4104.
thalassica 3532.
Thalassodes 3451×.
Thalassodes 3450, 3474.
Thalatta 2249.
Thalera 3451, 3457, 3513, 3514.
Thalera 3474×.
Thaleridia 3752.
Thalpochares 1890×, 1896A.
Thalpochares 1882, 1883, 2960.
Thalpophila 2045.
Thalpophila 1736.
Thaumatopœa 1045.
theclata 3049.
thelebas 290.
thelebe 290.
Themaca 901.
Theophila 1101.
Theoxenia 4920.
Thera 3891A, 3892×.
Theretra 105.
Thermesia 2348, 2719, 2744, 2766, 2775, 2777, 2778, 2788, 2802, 2811, 2815, 2827.
Thermesia 2767.
THERMESIIDÆ 2759.
thermesioides 2811.
Thetidea 3536.
thetydaria 3533.
theylia 85.
theylia 86.
Thiacidas 1060.
Thiacides 1060.
thiasalis 4271.
thibeta 1572.
thibetica 754.
Thinopteryx 3114.
Thisizima 4894.
thoasalis 4078.
thomasata 3873A.
thoosalis 4170.
thoracia 2379.
thoracica 304, 1278, 1696, 1967×, 2440.
thoracica 2379.
Thosea 1275.
Thria 2443.
Thria 2450.
thwaitesii 129, 488, 991, 1113, 2227, 2853, 4814.
thyadalis 4271.
Thyas 2595×.
thyasalis 4271.
Thyatira 1624A.
Thyatira 1626, 1627, 1628, 1639.
thyelia 85.
thysbealis 4718.
Thyrgorina 768×.
Thymara 458×.
Thymistada 1234.
thyralis 4499.
thyralis 4218.
Thyrassia 280.
Thyrgorina 768×.
THYRIDIDÆ 1773B.
Thyridiphora 1773B.
Thyridospila 2722.
Thyris 41.
Thyris 205.
thyrisalis 2983.
thyter 740.
tiasalis 4359.
tibetana 2002, 2134.
tibialis 3789, 4214, 4307.
tigrata 3743.
tigrina 850, 4327.
tigrina 2624.
Tima 1903×.
Timandra 3229, 3478, 3695.
Timandra 3989×.
timesius 133×.
timonalis 2961.
Timyra 4883.
tinctella 4877.
tinctifera 954.
Tinea 4792.
Tinea 634, 739, 4363, 4530, 4588, 4679, 4732, 4790, 4791, 4825.
TINEIDÆ 4784.
TINEINÆ 4785.
tineoides 4805.
Tineleus 773.
Tinolius 773×.
Tinthia 191.
Tipanæa 4661.
Tipasa 4891.
Tipha 4876.
Tiracola 1996.
Tiridata 2241.
tirrhæa 2608.
tisiphone 88.
Toccolosida 4730.
Tochara 2327.
todara 848×, 1020, 1408.
todarius 4702.
Topadesa 4755.
Torna 4819.
Torona 1115.

torpida 2253.
torrida 1450, 3402.
torridalis 4253.
torridaria 3244, 3274.
torsa 2550×.
TORTRICES 4737.
TORTRICIDÆ 4737.
TORTRICINÆ 4737.
tortricoides 2949.
Tortricomorpha 4779.
Tortrix 4746.
Tortrix 500, 1854, 4363, 4769.
tortuosa 516, 2918.
tortuosalis 2841.
Tospitis 710, 736.
tosta 1527×, 1755A.
Toxaliba 4817.
Toxocampa 2293×.
TOXOCAMPIDÆ 2293.
Trabala 1452.
Trabala 1189.
trabealis 1879.
trabeata 1879.
Trachea 1925.
Trachylepidia 4736.
traducalis 4308.
trajecta 2621, 2760.
trajiciens 2124, 2366.
tramesata 3835.
transactella 4870.
transcissa 3353.
transducta 2121, 2815.
transectata 3712.
transfixa 2185.
transiens 340, 762×.
translata 1434.
translata 2702.
translineata 2797.
translucens 1757.
translucida 3515.
translucidalis 4199.
transmutata 3702.
transversa 641, 853, 995, 1122, 1648, 1911, 1970, 2217, 2317, 2792, 3091.
transversa 1805.
transversalis 2974, 4298.
transversata 1298.
transvisalis 4208.
transvitta 2710.
trapeziella 4874.
trapezium 2609.
tremulata 3827.
Triæna 1770×, 1770A.
triangularia 4024.
triangularis 1896A, 2027, 2151, 2919.
triangulata 2293.
triangulifera 3883.
Trianura 271.
Trianura 275.
triarialis 4112.
Trichia 1080.
Trichiura 1480.
tricincta 194.
tricolor 364, 386, 428, 785×.
tricycla 2103.
tridentifera 3668.
trifascia 1457.
trifascialis 4468.
trifasciata 919, 2696×, 1897, 2731, 2784.
trifenestrata 1354.
trigonalis 2847.
Trigonia 2843.
trigonifera 2655.
Trigonodes 2685×.
Trigonodes 2312.
Trigonophora 1977.
triguttata 674.
trikotaria 3338.
trilatalis 4469.
trilinearia 3143, 3652.
trilineata 2246, 3154, 3980.
trilineata 3235.
trilineatus 133A.
triliturata 387.
triloba 2562.
Trilocha 1091.
Trilochana 206.
trilochoides 1329.
trimacula 388.
trimantesalis 2725.
trimeronalis 4386.
trinotaria 3693.
triocellata 4935.
triopus 36.
tripartita 347×, 708, 796, 1299.
Triphœna 2474.
Triphœna 2031, 2349.
triphænoides 2610.
Triphœnopis 2349.
triplicalis 2848.
Triptogon 136.
tripunctalis 4408.
tripunctaria 466.
tripunctata 1234, 4681.
Tripura 560.
tripustulata 4910.
triradiata 1849.
triseriata 1425, 1715A, 3802.
trisignata 3874, 4435.
trispinaria 3339.
tristicula 3986.
tristigma 2023.
tristis 1435, 4531.
tristrigosa 503.
Trisula 998.
Trisula 1331.
Trisuloides 1081.
trithyralis 4238.
tritici 1980.
triturata 1982.
trivittata 709.
Trochilium 195, 197, 202, 204.
Tropœa 1532, 1533, 1534.
tropica 1866×.
tropicalis 4276.
truncata 1119, 2544, 2967.
truncata 65.
truncataria 3159.
Trygodes 4001.
Trypanophora 305.
Trypheromera 471×.
Tryphœromera 471.
tullalis 4079.
tumidalis 2975.
tumidilinea 2611×, 3445.
turbata 124, 1930, 3685.
turbida 2762.
Turnaca 1511.
turpatalis 3021.
turpis 1850.
turpisaria 3961×.
Tyana 504.
Tycracona 1617.
Tympanistes 1716×, 1716A.
tyrannus 2483.
tyres 4218.
tyresalis 4218.
tyrianthina 334.
Tyspana 4517.

U

uberalis 4470.
uberosa 1898.
Udea 4148.
Ugia 2830.
Uipsa 4884.
ulceratalis 4228.
ultimalis 4105.
ulula 2535.
umbrago 1753.
umbrata 3308.
umbricostella 4613.
umbrina 1027, 1069A, 2455, 2594.
umbrinus 1613.
umbripennis 2920, 4818, 4871.
umbrivittella 4614.
umbrosa 2529.
umbrosa 2472, 2637.
umminea 2621, 2760.
umminia 2621×, 2760×.
uncta 1751.
undalis 4518.
undans 1409, 1472.
undata 1410.
undatus 1410.
undicilia 2050.
undifera 1410.
undulalis 2921.
undulalis 4518.
undulans 2007.
undulata 1650, 2793, 2970×, 3893A.
undulataria 3951.
undulatella 4589.
undulifera 1451, 1623.
undulosa 639, 1360, 1509×.
undulosata 3981.
undulosella 4648.
unicella 4823.
unicolor 1268, 4705.
unicolor 1293.
unicolorellus 4678.
unicoloris 2711.
unicuba 2285.
unifascia 772, 1277.
uniformis 2, 182, 849, 973, 1697, 1919, 2313, 2590.
unilinea 2140×.
unimacula 920.
unistrigata 2571.
unitalis 4080.
univocalis 4308.
unxia 2232.
upsilon 1824.
Urania 3046.
URANIIDÆ 3045.
urapteraria 3473.
URAPTERYDÆ 3102.
Urapteroides 4025.
Urapteryx 3102×, 3108A.
Urapteryx 3112, 3113, 3114, 3116, 4024.
urbica 3987×.
Uresiphita 4142, 4146.
Urola 4664.

ursina 1269.
usneata 3418.
usta 1256, 3212.
ustalis 4338.
ustata 3781.
ustulata 2490.
ustulatella 4932.
usurpatalis 2720.
Utethesia 739.
Utidava 3690.
uvaria 3905×.
uvidula 3598.

V

vacillans 763.
vacivella 4879.
vafera 4521.
vaga 2744.
vagabunda 1228.
vagalis 2988, 4196, 4401.
vagans 74, 3342.
vagata 4003, 4023×.
vagesa 594.
valeusalis 4643.
valida 2018A.
validula 2400.
vampyrus 58.
Vamuna 563.
vana 2003.
vanaria 4026.
Vapara 2358.
varana 577.
varia 861, 974, 992, 1455.
variabilis 2367×.
varialis 2842.
variana 1968.
varianaria 3255A.
varians 469×, 921×, 1093, 2341.
varicoloraria 3393.
variegata 955, 1175, 1331, 1411, 1473, 1645, 2260, 2269, 3291, 3766, 3782, 4486.
variegata 3410.
variegatella 4618.
variolosa 69×, 470.
variolosa 2234.
varipes 1121.
varisaria 3067.
Varmina 1177A.
Varnia 2210×.
varunæa 359.
vastata 3905.
vasudeva 3649×.
vatama 1250.
vates 179.
vates 180.
vecordialis 2922×.
vegetus 3043.
velans 2350.
velata 54, 2422.
velifera 2962.
velox 97, 173.
velutina 1274, 4639.
venalba 527, 1698.
venaria 419.
Venilia 3197.
venilialis 4119.
venimaculata 3828.
venosa 341, 405, 439, 622, 864, 892, 922, 928, 1067, 1270, 1955, 2115.
venosalis 4131.
venosata 996.
venosella 4600, 4704.
ventralis 3.
ventraria 3419.
venulia 348.
venus 730.
venusta 424.
venustula 2121.
venustularia 3304.
venustum 1500.
veprecola 1875.
verhuellii 2491.
verticaria 3049.
verticillata 2180×.
vertummalis 4207.
vertumnalis 4215.
vesculella 4619.
vesicularia 3682.
vespertilio 2572×.
vespertilionis 4388.
vespertinalis 4238.
vespoides 394.
vesta 1544.
vestianella 4363.
vestigiata 3601.
vestita 1279, 2923.
vetula 324.
vetula 335.
vetusta 2467.
vexillaria 3423.
vialis 12×, 1436, 1640, 1851, 2814, 2963, 2984, 3275, 4538.
viata 3495.
vibicalis 4509.
vicaria 3340.
vicini 3343.
victorinata 3632.
victrix 336.
vidhisara 4011.
vigaia 3887.
vigens 1764, 3383.
vigil 71.
vilis 956, 1614, 2468, 3093.
vinacea 1021, 1244.
vinacealis 4236.
vinacearia 3584.
vinaceus 1133.
vinata 1474.
vinctalis 4160.
Vindusara 3718.
vinosa 1412.
violacea 3911.
violacearia 3691.
vira 1245.
virbia 2697.
virens 1930A.
virescens 389×, 1079, 1134, 3268, 3783.
virgatalis 4317.
virginalis 425, 3744.
virguncula 932.
viriata 2063.
viridalis 3006×.
viridaria 3394.
viridata 628, 3174, 3875.
viridatrix 2207.
viridescens 878, 1215×.
viridicans 1592.
viridifusca 1059.
viridiluteata 3449.
viridis 2822.
viriditvteatus 3449.
visenda 3526.
vishnu 1456.
vitea 2428.
vitellialis 4295.
vitellina 957, 1646.
vitellinalis 4081.
Vitessa 4514.
vitessoides 4517.
Vithora 344.
vitialis 4474.
vitrea 270.
vitreata 3420.
vitta 1980.
vittata 797×, 1444×, 3446.
vitticostata 3155.
vittipalpis 1251.
vivida 2189.
vivilaca 3534.
volucris 8.
volutaria 3982.
votalis 4402.
vulcania 337×.
vulgalis 4349.
vulgaris 4522.
vulgaris 528.
vulneratus 733×.
vulpenaria 3546.
vulperaria 3546×.
vulpina 1271, 1475, 2019.
vulpina 2628.
vulpinaria 3129, 3213.
vulsalis 4510.
vusarmana 3554.

W

walkeri 3952×.
wallichii 1579.
Westermannia 2150.
westermannii 2150.
whitei 1580.

X

Xandrames 3286.
Xanthestes 745.
Xanthia 1816.
Xanthia 1807.
xanthindyma 2234×.
xanthochlora 1229.
Xanthodes 1803×.
Xanthodes 1814.
xanthogastrella 4654.
xanthonora 3635×.
xanthophila 1187.
xanthorrhœa 958.
Xanthosetia 4754.
xanthosoma 3189.
xerampelina 870.
Xeropteryx 3112.
Xylina 2332.
Xylina 2330, 2331.
xylina 2860.
xylinalis 4471.
xylinata 2381.
xylinella 4717, 4815.
XYLINIDÆ 2329.
xylochroma 2721.
Xylophanes 89, 90, 93, 94, 108.
Xylophasia 2053, 2055, 2060, 2138.

Y

Yerburii 3111 4252

Ypsipetes 3893, 3893A.
Ypsolopus 4872.

Z

Zadadra 620.
zaida 459.
Zamarada 3515.
zamia 1889.
zamis 2554 ×.
zampa 3047.
Zana 1510.
Zanclognatha 2969×.
Zanclopteryx 3963, 3964.
Zanthorhöe 3860.
Zaranga 1217.
Zarima 2357.
Zarmigethusa 3658.
zealis 4106.
zebraica 299×.
zebralis 4318.
zebrina 693, 3630.
Zebronia 4120, 4174, 4303, 4306, 4310, 4311, 4312, 4313, 4314, 4315, 4316, 4320, 4322, 4323, 4325, 4328, 4339.
Zeheba 3653.
zehma 415.
zelica 443.
zelimalis 4190.
zena 18.
Zenera 1588.
zenotea 444.
zenzera 1585, 1589, 1590, 1591, 1593, 1594, 1595, 1596, 1598.
zenzeroides 134.
Zerene 3730, 3736.
ZERENIDÆ 3710.
Zethes 2712 ×.
zeuxoalis 4718.
Zeuzera 1584×.
zinckenella 4601.
Zinckenia 4262.
Zinna 2834.
zizanialis 4472.
Zizyphi 4905.
Zomia 3694.
zonalis 2934.
Zonana 4363.
Zonea 3098.
zonellus 4703.
Zonilia 52, 172, 185.
Zonosoma 473.
zonula 2790.
zuleika 1354.
zuleika 416, 1574.
zura 2591.
Zygæna 211, 227, 230, 233, 257, 287, 396, 411, 441.
ZYGÆNIDÆ 211.
zygia 2592.

Government of India Central Printing Office.—No. 42 I. M.—1-7-89.—400.—G. R.

30470

SMITHSONIAN INSTITUTION LIBRARIES
3 9088 00724 9154